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easyCBM® Reading Criterion Related Validity Evidence:

Oregon State Test 2009-2010

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Abstract

easyCBM® is an online benchmark and progress monitoring assessment system designed for use within a response to intervention (RTI) framework. Part of the purpose of easyCBM® is to help educators identify students who may be at risk for academic failure. Often, students deemed at-risk are those who would be predicted to not pass the state test. In this technical report, we examine the relation between the easyCBM® reading tests and the reading portion of the state test used for accountability in Oregon. We conduct regression and correlation analyses to examine the relation between the measures, and use scatterplots to illustrate this relation with respect to cut scores.

easyCBM® Reading Criterion-Related Validity Evidence: Oregon State Test

In this technical report, we present the results of a study of the criterion validity of easyCBM® reading at grades 3-7. The Oregon Assessment of Knowledge and Skills (OAKS), Oregon's state test used for accountability purposes, was used as the criterion. The easyCBM® reading assessments were administered tri-annually. Thus, we examine easyCBM® for both predictive validity evidence, with the fall and winter measures predicting the OAKS, and for concurrent validity evidence, with the relation between the spring measure and OAKS examined.

The easyCBM® Progress Monitoring Assessments

The online easyCBM® progress monitoring assessment system was launched in September 2006 as part of a Model Demonstration Center on Progress Monitoring funded by the Office of Special Education Programs (OSEP). At the time this technical report was published, 149,836 teachers had registered easyCBM® accounts, representing schools and Districts spread across every state in the country. During the 2008-2009 school year, an average of 305 new accounts were registered each week, and the popularity of the system continues to grow. In the month of October 2010, alone, 11,885 new teachers registered for accounts. The online assessment system provides both universal screener assessments for fall, winter, and spring administration and multiple alternate forms of a variety of progress monitoring measures designed for use in K-8 school settings. By design, alternate forms of the measures within a grade level are of comparable difficulty, whether they are deployed as progress monitoring or benchmarking assessments. Thus, although data for the analyses reported here were gathered specifically from the benchmark assessment forms, the findings apply equally to the progress monitoring forms. Because the OAKS is not administered prior to grade 3, we limit our analyses

in this technical report to the easyCBM® measures available for use in grades 3 through 7. In reading, these constructs include reading comprehension, oral reading fluency, and vocabulary.

As part of state and federal policies for Response to Intervention (RTI), states need technically adequate measures for monitoring progress. Given the increasing popularity of the easyCBM® online assessment system, it is imperative that a thorough analysis of the measures' technical adequacy be conducted and the results shared with research and practitioner communities. This technical report addresses that need directly, providing the results of a study examining the predictive and concurrent validity evidence supporting the use of the easyCBM® assessments in reading in Oregon state schools.

Methods

This study was conducted in the fall of 2010 using data provided by three public school districts from Oregon.

Setting and Subjects

Data came from a convenience sample of students from three districts in Oregon who participated in the districts' benchmarking assessments in the fall of 2009 and the winter and spring of 2010. Sample demographics are displayed by district in Table 1. All analyses were conducted by grade level. Descriptive and correlation analyses were conducted both with the full sample and by District while the regression analyses were conducted only with the full sample to ensure a sufficient number of students to provide adequate statistical power.

Measures

In this section we first describe the easyCBM® reading measures and then provide information about the Oregon state test of reading. Additional information related to the test-retest and alternate form reliability of the easyCBM® reading assessments can be found in

Alonzo and Tindal (2009).

Multiple Choice Reading Comprehension

The easyCBM® assessment system includes measures of reading comprehension (MCRC). Each MCRC measure consists of an original work of narrative fiction approximately 1,500 words in length followed by 20 multiple-choice questions. Of the questions, seven sample students' literal comprehension, seven sample their inferential comprehension, and the final six sample evaluative comprehension. Each question consists of a question stem followed by three possible answer choices: one correct, one intended as a near-distractor, and one intended as a far-distractor. The MCRC measures are designed to be group administered by computer, with automatic recording and scoring of student responses. Students score one point for every question answered correctly, for a total possible score of 20 points. Complete description of the development of the MCRC measures can be found in published technical reports (Alonzo, Liu, & Tindal, 2007; Alonzo & Tindal, 2008b).

Oral Reading Fluency

In grade 3, the easyCBM® assessment system includes two different measures of oral reading fluency: a word reading fluency (WRF) measure and a passage reading fluency (PRF) measure. Beginning in grade 4 and extending through grade 8, only the PRF measure is available. Both measures of oral reading fluency are designed for individual one-on-one administration. The WRF consists of a chart of words, both decodable and irregular, presented on a single piece of paper. Test administrators have students read from this chart of words, moving from left to right and from the top to the bottom of the page, while they follow along on their own copy of the assessment on which they mark every word read incorrectly. Students are given 60 seconds in which to read from the chart of words. Words students fail to read or read

incorrectly are counted as errors. The final score, number of words read correctly per minute, is recorded in the easyCBM® assessment system. Complete description of the development of the WRF measures can be found in Alonzo and Tindal (2007).

The PRF measure consists of an original work of narrative fiction presented to students on a single sheet of paper. The PRF passages vary in length from 250 words (for younger grades) to 380 words (for middle school students). As with the WRF measure, test administrators have students read from their copy of the measure, moving from left to right and from the top to the bottom of the page, while test administrators follow along on their own copy of the assessment on which they mark every word read incorrectly. Students are given 60 seconds in which to read. Words students fail to read or read incorrectly are counted as errors. The final score, number of words read correctly per minute, is recorded in the easyCBM® assessment system. Complete description of the development of the PRF measures can be found in Alonzo, Park, and Tindal (2008), Alonzo and Tindal (2008a), and Alonzo and Tindal (2007).

Vocabulary

The easyCBM® assessment system includes a measure of vocabulary for use as part of the fall and spring benchmark assessments. The measure consists of 25 multiple-choice questions. Each question consists of a question stem followed by three possible answer choices: one correct, one intended as a near-distractor, and one intended as a far-distractor. The vocabulary measures are designed to be group administered by computer, with automatic recording and scoring of student responses. Students score one point for every question correctly answered, for a possible score of 25 points. Complete description of the development of the vocabulary measures can be found in Alonzo and Tindal (2004).

The OAKS

The OAKS is the large-scale assessment used for accountability purposes in the state of Oregon. The OAKS is a computer adaptive assessment administered in grades 3-8. Student scores are reported in Rasch Units – a continuous scale ranging from 0 to infinity. However, the Oregon Department of Education reports that most scores range from 150-300 (Oregon Department of Education, 2010). Students are allowed up to three attempts on the OAKS throughout the school year, with their highest score retained for accountability purposes. Students' final OAKS scores were used in all analyses in the current study.

Data Analysis

To examine the predictive and concurrent validity of the easyCBM® reading measures we conducted regression and correlation analyses. Numerous regression models were tested at each grade level. First, we ran a full model, which included all easyCBM® assessments administered throughout the year within a given grade. This model provided an indication of the total relation between easyCBM® and the OAKS. Second, we tested individual models for each measure during each seasonal administration. Third, we tested seasonal models with each measure administered during a particular season. At grade three, a measure of word reading fluency was included in the full model. A subsequent "full model minus word reading fluency" model was then tested because while data were available for students in grade 3, the word reading fluency measure is typically only administered in grades K-2. Thus, although the measure was included in grade three as a test variable to satisfy empirical curiosity, it was not a primary variable of interest.

We report correlations for both the full model and the individual models, by District and by the full samples. To visually represent the relation between easyCBM® and the OAKS and to

examine the impact of cut scores, we also produced scatterplots for each measure during each seasonal administration with the full sample. On each scatterplot, students' OAKS scores are plotted along the y-axis and their easyCBM® scores are plotted along the x-axis. The vertical lines on each plot represent the 20th and 50th percentiles of normative achievement on easyCBM®, while the horizontal lines represents the cut score for the *meets* and *exceeds standards expectations* performance level on the OAKS.

Results

Descriptive statistics and correlations are reported by grade and District on pp. 15 - 44. Descriptive statistics and the results of the regression analyses are reported for the full sample by grade on pp. 45-185. Scatterplots for the full sample are reported by grade and measure on pp. 186-224. Overall, the full model accounted for between 67% and 73% of the variance in OAKS scores.

At grade 3, the full model including WRF accounted for 71% of the total variance in OAKS scores. Removing the measure of WRF decreased the overall variance accounted for by 5%, with the overall model subsequently accounting for 66% of the variance in OAKS scores. In the full model, the spring vocabulary measure was the largest predictor, uniquely accounting for 2.9% of the total variance. In the full model minus WRF, the spring MCRC measure was the largest predictor, uniquely accounting for 2.1% of the total variance. The fall and winter seasonal models, examined for predictive validity evidence, accounted for 58% and 52% of the total variance in OAKS scores respectively. The spring model, examined for concurrent validity evidence, accounted for 63% of the variance in OAKS scores.

At grade 4, the full model accounted for 71% of the total variance in OAKS scores. The spring vocabulary measure was the largest predictor, uniquely accounting for 2.3% of the total

variance. The fall and winter models, examined for predictive validity evidence, accounted for 64% and 54% of the variance in OAKS scores. The spring model, examined for concurrent validity evidence, accounted for 65% of the variance in OAKS scores.

At grade 5, the full model accounted for 67% of the total variance in OAKS scores. The spring vocabulary measure was the largest predictor in the model, uniquely accounting for 1.9% of the total variance. The fall and winter models, examined for predictive validity evidence, accounted for 62% and 54% of the variance in OAKS scores respectively. The spring model, examined for concurrent validity evidence, accounted for 63% of the variance in OAKS scores.

At grade 6, the full model accounted for 73% of the total variance in OAKS scores. The spring vocabulary measure was once again the largest predictor in the model, uniquely accounting for 2.8% of the total variance. The fall and winter models, examined for predictive validity evidence, accounted for 63% and 54% of the variance in OAKS scores respectively. The spring model, examined for concurrent validity evidence, accounted for 66% of the variance in OAKS scores.

At grade 7, the full model accounted for 73% of the total variance in OAKS scores. The spring MCRC measure was the largest predictor in the model, uniquely accounting for 2.9% of the total variance. The fall and winter models, examined for predictive validity evidence, accounted for 62% and 15% of the variance in OAKS scores respectively. The spring model, examined for concurrent validity evidence, accounted for 21% of the variance in OAKS scores.

Discussion

The results of this study suggest a strong relation between the easyCBM® reading measures and the OAKS. Visual examination of the scatterplots indicates that, even early in the year, very few students who scored below the 20th percentile on easyCBM® reached the

proficiency performance level classification on the OAKS. Above the 50th percentile, however, most students did reach the *proficiency* performance level classification, although overall it appears that easyCBM® is less accurate in predicting which students *will* reach proficiency than in predicting which students *will not* reach proficiency. These findings add to the evidence that the easyCBM® reading measures are predictive of state large-scale assessments of reading.

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Table 1 - *Demographics*

Grade	*n*	% ELL	% FRL	% SPED	% Female	% Ethnicity						
						Amer Ind	Asian/Pac Islander	Black	Hispanic	White	Multi	Decline/ Missing
District 1												
3	1311	4.4	44.3	15.9	47.2	1.7	4.4	2.4	9.8	73.0	3.1	5.6
4	1255	4.0	44.4	17.4	49.3	1.9	4.1	2.8	11.9	69.9	4.7	4.7
5	1357	3.5	43.3	17.4	48.3	1.8	5.1	2.6	9.9	71.0	3.8	5.8
6	1341	3.6	39.4	19.1	46.5	2.8	4.5	2.8	10.0	71.1	3.1	5.7
7	1262	2.6	39.3	15.6	52.5	1.4	5.5	2.7	10.1	70.3	4.6	5.4
District 2												
3	870	1.1	61.8	17.0	49.0	1.6	2.0	1.4	19.3	66.6	2.3	6.8
4	818	0.6	62.6	19.9	42.5	2.3	1.8	1.6	16.9	66.1	4.0	7.3
5	876	1.3	59.7	19.3	48.2	2.4	2.2	1.5	16.7	67.7	4.1	5.4
6	846	1.5		16.7	50.4	2.6	1.4	1.7	14.9	70.3	3.5	5.6
7	737	3.0	55.8	16.1	47.5	2.2	1.6	1.1	18.6	67.3	2.7	6.5
District 3												
3	1707	18.7	-	13.1	48.4	0.4	6.9	1.9	33.7	52.0	1.5	3.6
4	1613	15.2	-	12.0	48.3	0.7	7.6	2.2	34.6	49.7	1.7	3.5
5	1618	13.8	-	13.1	47.0	1.0	7.9	3.1	33.7	49.5	0.9	3.9
6	1584	10.3	58.0	14.4	48.0	-	6.4	2.1	-	58.1	5.1	28.3
7	1601	8.1	-	12.9	48.4	-	7.1	2.2	29.7	56.7	2.9	1.4
Full Sample												
3	3888	10.0	53.6*	14.9	48.1	1.1	5.0	2.0	22.4	62.3	2.2	5.0
4	3740	8.1	53.8*	15.9	47.4	1.5	5.1	2.3	22.8	60.3	3.2	4.8
5	3851	7.3	51.8*	16.0	47.7	1.6	5.6	2.5	21.4	61.2	2.7	5.0
6	3862	5.8	49.6*	16.2	46.8	1.5	4.5	2.2	-	63.9	3.9	24.0
7	3600	5.1	47.3*	14.5	49.7	0.9	5.4	2.2	20.6	63.6	3.4	3.9

Note. Numbers reflect full sample separated by District. However, during analyses students were excluded listwise and the actual demographics of students included varies by analysis. All values thus more accurately represent the District and not necessarily the analyses, and only provide a general indication of the students included in the analyses.

*Computed only from District's 1 & 2

ELL – English Language Learner, FRL – Free or reduced lunch eligible, SPED – Student receives special education services

District Descriptive Statistics and Correlations

District 1 Descriptive Statistics – Grade 3

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1262	181	256	216.21	10.693
Fall09WRF	6	12	63	28.00	18.472
Fall09PRF	1233	1	219	91.79	40.773
Fall09MCRC	1214	2	19	11.25	3.628
Fall09Voc	1218	2	25	17.79	4.939
Wint10WRF	114	4	119	60.60	24.580
Wint10PRF	1244	7	308	123.39	45.595
Wint10MCRC	1231	1	18	11.01	2.922
Spr10WRF	67	20	116	68.24	24.380
Spr10PRF	1233	3	255	122.91	43.738
Spr10MCRC	1250	3	20	14.35	3.775
Spr10Voc	1253	5	25	22.21	3.619
Valid N (listwise)	1				

District 1 Correlations – Grade 3

		OAKS Rdg	Fall WRF	Fall PRF	Fall MCRC	Fall Voc	Wint WRF	Wint PRF	Wint MCRC	Spr WRF	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	-.026	.668**	.581**	.710**	.597**	.656**	.578**	.702**	.669**	.629**	.676**
	N	1262	6	1209	1206	1207	112	1220	1218	67	1198	1230	1232
Fall WRF	Pearson Corr.	-.026	1	.767	.082	-.914*	1.000**	.679	-.607	.[a]	.333	.148	.269
	N	6	6	6	4	5	2	5	5	1	5	6	6
Fall PRF	Pearson Corr.	.668**	.767	1	.643**	.715**	.903**	.906**	.559**	.905**	.884**	.554**	.623**
	N	1209	6	1233	1203	1206	111	1219	1207	63	1173	1193	1195
Fall MCRC	Pearson Corr.	.581**	.082	.643**	1	.622**	.598**	.627**	.559**	.691**	.632**	.545**	.497**
	N	1206	4	1203	1214	1206	111	1205	1204	64	1155	1187	1187
Fall Voc	Pearson Corr.	.710**	-.914*	.715**	.622**	1	.676**	.694**	.584**	.728**	.686**	.608**	.713**
	N	1207	5	1206	1206	1218	112	1207	1204	64	1158	1188	1190
Wint WRF	Pearson Corr.	.597**	1.000**	.903**	.598**	.676**	1	.912**	.547**	.934**	.887**	.590**	.602**
	N	112	2	111	111	112	114	114	114	41	107	106	106
Wint PRF	Pearson Corr.	.656**	.679	.906**	.627**	.694**	.912**	1	.557**	.921**	.907**	.565**	.636**
	N	1220	5	1219	1205	1207	114	1244	1225	63	1185	1206	1207
Wint MCRC	Pearson Corr.	.578**	-.607	.559**	.559**	.584**	.547**	.557**	1	.759**	.560**	.565**	.523**
	N	1218	5	1207	1204	1204	114	1225	1231	64	1172	1203	1203
Spr WRF	Pearson Corr.	.702**	.[a]	.905**	.691**	.728**	.934**	.921**	.759**	1	.912**	.643**	.680**
	N	67	1	63	64	64	41	63	64	67	67	67	67
Spr PRF	Pearson Corr.	.669**	.333	.884**	.632**	.686**	.887**	.907**	.560**	.912**	1	.577**	.632**
	N	1198	5	1173	1155	1158	107	1185	1172	67	1233	1212	1216
Spr MCRC	Pearson Corr.	.629**	.148	.554**	.545**	.608**	.590**	.565**	.565**	.643**	.577**	1	.623**
	N	1230	6	1193	1187	1188	106	1206	1203	67	1212	1250	1247
Spr Voc	Pearson Corr.	.676**	.269	.623**	.497**	.713**	.602**	.636**	.523**	.680**	.632**	.623**	1
	N	1232	6	1195	1187	1190	106	1207	1203	67	1216	1247	1253

a. Cannot be computed because at least one of the variables is constant. **Significant at the 0.01 level. *Significant at the 0.05 level.

District 2 Descriptive Statistics – Grade 3

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	825	166	254	213.25	10.790
Fall09WRF	802	1	112	43.43	21.328
Fall09PRF	802	2	244	75.25	37.452
Fall09MCRC	787	1	18	10.15	3.725
Fall09Voc	787	2	25	15.59	5.054
Wint10WRF	826	1	123	54.24	23.164
Wint10PRF	827	7	268	107.57	42.210
Wint10MCRC	809	2	17	10.08	2.928
Spr10WRF	852	5	125	61.92	21.475
Spr10PRF	851	9	266	108.26	41.673
Spr10MCRC	839	1	20	13.31	3.882
Spr10Voc	841	5	25	20.90	4.158
Valid N (listwise)	744				

District 2 Correlations – Grade 3

		OAKS Rdg	Fall WRF	Fall PRF	Fall MCRC	Fall Voc	Wint WRF	Wint PRF	Wint MCRC	Spr WRF	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.651**	.671**	.600**	.708**	.618**	.694**	.601**	.601**	.687**	.682**	.728**
	N	825	775	776	765	762	797	797	789	819	818	814	813
Fall WRF	Pearson Corr.	.651**	1	.919**	.644**	.740**	.916**	.887**	.517**	.875**	.873**	.511**	.688**
	N	775	802	801	784	786	798	798	783	796	795	784	787
Fall PRF	Pearson Corr.	.671**	.919**	1	.652**	.718**	.859**	.906**	.517**	.820**	.898**	.533**	.657**
	N	776	801	802	784	786	798	798	783	796	795	784	787
Fall MCRC	Pearson Corr.	.600**	.644**	.652**	1	.630**	.573**	.647**	.526**	.548**	.626**	.553**	.522**
	N	765	784	784	787	778	782	782	777	783	783	779	781
Fall Voc	Pearson Corr.	.708**	.740**	.718**	.630**	1	.703**	.707**	.559**	.668**	.705**	.581**	.712**
	N	762	786	786	778	787	783	783	774	783	783	774	776
Wint WRF	Pearson Corr.	.618**	.916**	.859**	.573**	.703**	1	.898**	.470**	.905**	.863**	.482**	.679**
	N	797	798	798	782	783	826	826	808	819	818	807	810
Wint PRF	Pearson Corr.	.694**	.887**	.906**	.647**	.707**	.898**	1	.522**	.850**	.913**	.549**	.677**
	N	797	798	798	782	783	826	827	808	820	819	807	810
Wint MCRC	Pearson Corr.	.601**	.517**	.517**	.526**	.559**	.470**	.522**	1	.458**	.515**	.555**	.494**
	N	789	783	783	777	774	808	808	809	808	808	802	802
Spr WRF	Pearson Corr.	.601**	.875**	.820**	.548**	.668**	.905**	.850**	.458**	1	.888**	.479**	.677**
	N	819	796	796	783	783	819	820	808	852	851	837	839
Spr PRF	Pearson Corr.	.687**	.873**	.898**	.626**	.705**	.863**	.913**	.515**	.888**	1	.567**	.670**
	N	818	795	795	783	783	818	819	808	851	851	837	839
Spr MCRC	Pearson Corr.	.682**	.511**	.533**	.553**	.581**	.482**	.549**	.555**	.479**	.567**	1	.599**
	N	814	784	784	779	774	807	807	802	837	837	839	837
Spr Voc	Pearson Corr.	.728**	.688**	.657**	.522**	.712**	.679**	.677**	.494**	.677**	.670**	.599**	1
	N	813	787	787	781	776	810	810	802	839	839	837	841

a. Cannot be computed because at least one of the variables is constant. **Significant at the 0.01 level. *Significant at the 0.05 level.

District 3 Descriptive Statistics – Grade 3

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1585	177	255	213.75	10.720
Fall09WRF	41	11	193	102.37	41.683
Fall09PRF	172	14	193	92.91	38.130
Fall09MCRC	233	1	20	10.74	3.785
Fall09Voc	42	1	24	14.50	5.874
Wint10WRF	25	7	14	10.52	1.636
Wint10PRF	224	6	236	116.93	54.214
Wint10MCRC	328	1	17	9.98	3.204
Spr10WRF	69	43	237	130.48	45.276
Spr10PRF	132	26	243	127.20	45.037
Spr10MCRC	234	1	20	12.69	4.662
Spr10Voc	42	1	25	17.90	6.835
Valid N (listwise)	0				

District 3 Correlations – Grade 3

		OAKS Rdg	Fall WRF	Fall PRF	Fall MCRC	Fall Voc	Wint WRF	Wint PRF	Wint MCRC	Spr WRF	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.749**	.580**	.582**	.486**	.252	.551**	.502**	.699**	.520**	.556**	.425**
	N	1585	40	160	219	35	23	215	311	67	130	227	39
Fall WRF	Pearson Corr.	.749**	1	.[a]	.666**	.[a]	.[a]	.941**	.539**	.921**	.[a]	.524**	.[a]
	N	40	41	0	40	1	0	41	41	41	0	39	1
Fall PRF	Pearson Corr.	.580**	.[a]	1	.590**	.[a]	.[a]	.888**	.499**	.826**	.899**	.642**	.[a]
	N	160	0	172	132	0	0	136	131	18	116	124	1
Fall MCRC	Pearson Corr.	.582**	.666**	.590**	1	.459*	.[a]	.627**	.502**	.588**	.602**	.610**	.335
	N	219	40	132	233	29	0	180	210	62	116	190	22
Fall Voc	Pearson Corr.	.486**	.[a]	.[a]	.459*	1	.[a]	.[a]	.413*	.[a]	.[a]	.600**	.819**
	N	35	1	0	29	42	0	1	27	1	0	25	20
Wint WRF	Pearson Corr.	.252	.[a]	.[a]	.[a]	.[a]	1	.267	.359	.[a]	.[a]	.[a]	.[a]
	N	23	0	0	0	0	25	25	25	0	0	0	0
Wint PRF	Pearson Corr.	.551**	.941**	.888**	.627**	.[a]	.267	1	.312**	.890**	.905**	.607**	.[a]
	N	215	41	136	180	1	25	224	214	65	127	178	1
Wint MCRC	Pearson Corr.	.502**	.539**	.499**	.502**	.413*	.359	.312**	1	.501**	.600**	.554**	.500**
	N	311	41	131	210	27	25	214	328	64	120	205	31
Spr WRF	Pearson Corr.	.699**	.921**	.826**	.588**	.[a]	.[a]	.890**	.501**	1	.[a]	.601**	.[a]
	N	67	41	18	62	1	0	65	64	69	0	64	1
Spr PRF	Pearson Corr.	.520**	.[a]	.899**	.602**	.[a]	.[a]	.905**	.600**	.[a]	1	.614**	.[a]
	N	130	0	116	116	0	0	127	120	0	132	120	0
Spr MCRC	Pearson Corr.	.556**	.524**	.642**	.610**	.600**	.[a]	.607**	.554**	.601**	.614**	1	.619**
	N	227	39	124	190	25	0	178	205	64	120	234	36
Spr Voc	Pearson Corr.	.425**	.[a]	.[a]	.335	.819**	.[a]	.[a]	.500**	.[a]	.[a]	.619**	1
	N	39	1	1	22	20	0	1	31	1	0	36	42

a. Cannot be computed because at least one of the variables is constant. **Significant at the 0.01 level. *Significant at the 0.05 level.

District 1 Descriptive Statistics – Grade 4

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1255	182	258	222.44	10.105
Fall09PRF	1218	6	263	114.55	38.298
Fall09MCRC	1207	2	20	12.63	4.209
Fall09Voc	1214	3	25	16.58	4.542
Wint10PRF	1234	5	269	135.61	37.875
Wint10MCRC	1222	2	20	14.32	3.429
Spr10PRF	1258	9	340	144.55	43.039
Spr10MCRC	1246	1	20	14.20	3.650
Spr10Voc	1246	5	25	20.09	3.927
Valid N (listwise)	1135				

District 1 Correlations – Grade 4

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.687**	.701**	.720**	.652**	.615**	.661**	.659**	.716**
	N	1255	1197	1191	1198	1212	1206	1224	1221	1221
Fall PRF	Pearson Corr.	.687**	1	.636**	.714**	.893**	.529**	.879**	.537**	.629**
	N	1197	1218	1199	1207	1211	1201	1186	1176	1176
Fall MCRC	Pearson Corr.	.701**	.636**	1	.671**	.611**	.617**	.586**	.596**	.613**
	N	1191	1199	1207	1201	1200	1195	1176	1172	1172
Fall Voc	Pearson Corr.	.720**	.714**	.671**	1	.693**	.573**	.680**	.568**	.710**
	N	1198	1207	1201	1214	1207	1201	1182	1178	1178
Wint PRF	Pearson Corr.	.652**	.893**	.611**	.693**	1	.542**	.900**	.526**	.626**
	N	1212	1211	1200	1207	1234	1219	1202	1192	1192
Wint MCRC	Pearson Corr.	.615**	.529**	.617**	.573**	.542**	1	.525**	.580**	.561**
	N	1206	1201	1195	1201	1219	1222	1190	1186	1186
Spr PRF	Pearson Corr.	.661**	.879**	.586**	.680**	.900**	.525**	1	.535**	.608**
	N	1224	1186	1176	1182	1202	1190	1258	1244	1244
Spr MCRC	Pearson Corr.	.659**	.537**	.596**	.568**	.526**	.580**	.535**	1	.599**
	N	1221	1176	1172	1178	1192	1186	1244	1246	1246
Spr Voc	Pearson Corr.	.716**	.629**	.613**	.710**	.626**	.561**	.608**	.599**	1
	N	1221	1176	1172	1178	1192	1186	1244	1246	1246

**Significant at the 0.01 level.

District 2 Descriptive Statistics – Grade 4

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	774	180	262	219.90	10.385
Fall09PRF	765	1	205	100.06	33.986
Fall09MCRC	761	1	20	11.78	3.963
Fall09Voc	755	3	25	15.27	4.347
Wint10PRF	789	4	245	124.53	37.350
Wint10MCRC	785	3	20	13.41	3.558
Spr10PRF	809	4	256	132.30	42.079
Spr10MCRC	799	1	20	13.52	3.841
Spr10Voc	800	5	25	18.99	4.166
Valid N (listwise)	722				

District 2 Correlations – Grade 4

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.655**	.694**	.719**	.636**	.663**	.641**	.649**	.732**
	N	774	740	738	731	760	759	773	770	768
Fall PRF	Pearson Corr.	.655**	1	.623**	.698**	.899**	.557**	.886**	.497**	.633**
	N	740	765	760	754	762	759	764	756	758
Fall MCRC	Pearson Corr.	.694**	.623**	1	.656**	.618**	.641**	.587**	.575**	.606**
	N	738	760	761	753	759	757	761	755	757
Fall Voc	Pearson Corr.	.719**	.698**	.656**	1	.673**	.605**	.667**	.557**	.699**
	N	731	754	753	755	753	751	755	748	751
Wint PRF	Pearson Corr.	.636**	.899**	.618**	.673**	1	.577**	.919**	.523**	.640**
	N	760	762	759	753	789	784	788	781	782
Wint MCRC	Pearson Corr.	.663**	.557**	.641**	.605**	.577**	1	.554**	.592**	.617**
	N	759	759	757	751	784	785	785	779	780
Spr PRF	Pearson Corr.	.641**	.886**	.587**	.667**	.919**	.554**	1	.511**	.615**
	N	773	764	761	755	788	785	809	799	800
Spr MCRC	Pearson Corr.	.649**	.497**	.575**	.557**	.523**	.592**	.511**	1	.594**
	N	770	756	755	748	781	779	799	799	795
Spr Voc	Pearson Corr.	.732**	.633**	.606**	.699**	.640**	.617**	.615**	.594**	1
	N	768	758	757	751	782	780	800	795	800

**Significant at the 0.01 level.

District 3 Descriptive Statistics – Grade 4

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1491	191	263	220.17	10.627
Fall09PRF	285	11	247	114.82	36.133
Fall09MCRC	283	1	20	11.19	4.349
Fall09Voc	22	1	21	11.18	4.982
Wint10PRF	194	13	255	144.36	41.111
Wint10MCRC	253	1	20	12.23	4.400
Spr10PRF	200	39	310	153.57	45.632
Spr10MCRC	284	1	20	12.19	4.720
Spr10Voc	83	2	25	16.78	5.957
Valid N (listwise)	0				

District 3 Correlations – Grade 4

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.616**	.653**	.131	.577**	.545**	.646**	.541**	.531**
	N	1491	274	276	21	191	247	197	279	81
Fall PRF	Pearson Corr.	.616**	1	.561**	.[a]	.910**	.493**	.883**	.519**	.177
	N	274	285	241	0	182	201	183	178	18
Fall MCRC	Pearson Corr.	.653**	.561**	1	.029	.564**	.698**	.596**	.707**	.196
	N	276	241	283	14	182	201	183	192	23
Fall Voc	Pearson Corr.	.131	.[a]	.029	1	.[a]	.[a]	.[a]	.320	-1.000**
	N	21	0	14	22	0	1	0	8	2
Wint PRF	Pearson Corr.	.577**	.910**	.564**	.[a]	1	.526**	.905**	.530**	.028
	N	191	182	182	0	194	186	193	188	17
Wint MCRC	Pearson Corr.	.545**	.493**	.698**	.[a]	.526**	1	.541**	.716**	-.217
	N	247	201	201	1	186	253	186	186	21
Spr PRF	Pearson Corr.	.646**	.883**	.596**	.[a]	.905**	.541**	1	.566**	.117
	N	197	183	183	0	193	186	200	195	18
Spr MCRC	Pearson Corr.	.541**	.519**	.707**	.320	.530**	.716**	.566**	1	.482**
	N	279	178	192	8	188	186	195	284	71
Spr Voc	Pearson Corr.	.531**	.177	.196	-1.000**	.028	-.217	.117	.482**	1
	N	81	18	23	2	17	21	18	71	83

**Significant at the 0.01 level.

District 1 Descriptive Statistics – Grade 5

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1313	195	267	225.84	8.969
Fall09PRF	1281	2	301	152.12	42.599
Fall09MCRC	1269	2	20	14.10	3.141
Fall09Voc	1272	1	24	19.36	4.339
Wint10PRF	1281	10	305	157.92	41.957
Wint10MCRC	1273	2	20	16.29	2.949
Spr10PRF	1311	24	330	170.71	39.918
Spr10MCRC	1296	3	20	14.73	2.790
Spr10Voc	1294	6	25	21.05	3.488
Valid N (listwise)	1204				

District 1 Correlations – Grade 5

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.669**	.590**	.696**	.646**	.586**	.623**	.578**	.707**
	N	1313	1263	1260	1260	1262	1266	1282	1280	1278
Fall PRF	Pearson Corr.	.669**	1	.571**	.644**	.910**	.531**	.884**	.513**	.612**
	N	1263	1281	1263	1267	1266	1259	1250	1238	1236
Fall MCRC	Pearson Corr.	.590**	.571**	1	.565**	.556**	.580**	.553**	.539**	.549**
	N	1260	1263	1269	1265	1257	1258	1238	1232	1230
Fall Voc	Pearson Corr.	.696**	.644**	.565**	1	.626**	.569**	.593**	.537**	.738**
	N	1260	1267	1265	1272	1258	1257	1241	1235	1233
Wint PRF	Pearson Corr.	.646**	.910**	.556**	.626**	1	.517**	.894**	.508**	.573**
	N	1262	1266	1257	1258	1281	1266	1249	1237	1235
Wint MCRC	Pearson Corr.	.586**	.531**	.580**	.569**	.517**	1	.521**	.572**	.554**
	N	1266	1259	1258	1257	1266	1273	1243	1239	1237
Spr PRF	Pearson Corr.	.623**	.884**	.553**	.593**	.894**	.521**	1	.508**	.550**
	N	1282	1250	1238	1241	1249	1243	1311	1293	1292
Spr MCRC	Pearson Corr.	.578**	.513**	.539**	.537**	.508**	.572**	.508**	1	.550**
	N	1280	1238	1232	1235	1237	1239	1293	1296	1293
Spr Voc	Pearson Corr.	.707**	.612**	.549**	.738**	.573**	.554**	.550**	.550**	1
	N	1278	1236	1230	1233	1235	1237	1292	1293	1294

**Significant at the 0.01 level.

District 2 Descriptive Statistics – Grade 5

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	831	189	252	223.10	8.941
Fall09PRF	818	5	269	137.09	41.965
Fall09MCRC	813	1	20	13.38	3.350
Fall09Voc	808	4	25	17.45	4.639
Wint10PRF	839	17	265	145.23	40.248
Wint10MCRC	832	3	20	15.52	3.223
Spr10PRF	866	17	290	159.22	41.382
Spr10MCRC	863	2	19	14.00	3.126
Spr10Voc	859	4	25	19.57	4.057
Valid N (listwise)	769				

District 2 Correlations – Grade 5

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.679**	.629**	.727**	.672**	.665**	.681**	.631**	.706**
	N	831	788	787	783	809	805	829	828	824
Fall PRF	Pearson Corr.	.679**	1	.622**	.655**	.904**	.591**	.892**	.552**	.600**
	N	788	818	810	805	811	805	817	813	809
Fall MCRC	Pearson Corr.	.629**	.622**	1	.635**	.615**	.646**	.603**	.533**	.589**
	N	787	810	813	807	807	806	811	810	806
Fall Voc	Pearson Corr.	.727**	.655**	.635**	1	.633**	.638**	.604**	.534**	.724**
	N	783	805	807	808	803	803	806	806	802
Wint PRF	Pearson Corr.	.672**	.904**	.615**	.633**	1	.604**	.906**	.553**	.584**
	N	809	811	807	803	839	829	838	836	833
Wint MCRC	Pearson Corr.	.665**	.591**	.646**	.638**	.604**	1	.602**	.583**	.633**
	N	805	805	806	803	829	832	830	830	828
Spr PRF	Pearson Corr.	.681**	.892**	.603**	.604**	.906**	.602**	1	.566**	.589**
	N	829	817	811	806	838	830	866	861	857
Spr MCRC	Pearson Corr.	.631**	.552**	.533**	.534**	.553**	.583**	.566**	1	.571**
	N	828	813	810	806	836	830	861	863	858
Spr Voc	Pearson Corr.	.706**	.600**	.589**	.724**	.584**	.633**	.589**	.571**	1
	N	824	809	806	802	833	828	857	858	859

**Significant at the 0.01 level.

District 3 Descriptive Statistics – Grade 5

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1517	192	254	223.49	9.441
Fall09PRF	294	23	295	151.67	44.043
Fall09MCRC	344	1	20	12.87	3.693
Fall09Voc	94	1	25	15.87	6.031
Wint10PRF	205	44	344	167.01	48.051
Wint10MCRC	315	1	20	14.01	4.375
Spr10PRF	263	7	304	177.87	45.544
Spr10MCRC	272	1	19	13.24	3.707
Spr10Voc	92	4	25	18.39	5.025
Valid N (listwise)	0				

District 3 Correlations – Grade 5

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.656**	.620**	.629**	.615**	.535**	.671**	.519**	.506**
	N	1517	280	327	90	198	308	257	267	90
Fall PRF	Pearson Corr.	.656**	1	.561**	.489*	.870**	.567**	.891**	.441**	.657*
	N	280	294	274	26	190	227	245	182	13
Fall MCRC	Pearson Corr.	.620**	.561**	1	.482**	.508**	.685**	.559**	.565**	.526**
	N	327	274	344	78	194	265	248	225	59
Fall Voc	Pearson Corr.	.629**	.489*	.482**	1	.[a]	.381**	.[a]	.568**	.766**
	N	90	26	78	94	1	74	1	51	49
Wint PRF	Pearson Corr.	.615**	.870**	.508**	.[a]	1	.520**	.873**	.427**	.196
	N	198	190	194	1	205	197	196	180	10
Wint MCRC	Pearson Corr.	.535**	.567**	.685**	.381**	.520**	1	.550**	.558**	.299**
	N	308	227	265	74	197	315	192	253	82
Spr PRF	Pearson Corr.	.671**	.891**	.559**	.[a]	.873**	.550**	1	.407**	.461
	N	257	245	248	1	196	192	263	184	10
Spr MCRC	Pearson Corr.	.519**	.441**	.565**	.568**	.427**	.558**	.407**	1	.535**
	N	267	182	225	51	180	253	184	272	87
Spr Voc	Pearson Corr.	.506**	.657*	.526**	.766**	.196	.299**	.461	.535**	1
	N	90	13	59	49	10	82	10	87	92

*Significant at the 0.05 level.

**Significant at the 0.01 level.

District 1 Descriptive Statistics – Grade 6

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1296	196	264	229.44	9.588
Fall09PRF	112	37	261	138.46	40.809
Fall09MCRC	1199	1	20	14.70	3.063
Fall09Voc	1189	3	25	15.98	4.499
Wint10PRF	97	60	274	157.51	39.332
Wint10MCRC	286	4	19	13.97	2.962
Spr10PRF	185	29	296	151.01	47.797
Spr10MCRC	1194	3	20	15.10	2.844
Spr10Voc	1148	4	25	17.14	4.359
Valid N (listwise)	79				

District 1 Correlations – Grade 6

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.710**	.589**	.706**	.561**	.515**	.710**	.604**	.701**
	N	1296	111	1179	1171	96	285	183	1173	1127
Fall PRF	Pearson Corr.	.710**	1	.532**	.655**	.923**	.568**	.908**	.545**	.683**
	N	111	112	111	111	94	94	98	101	100
Fall MCRC	Pearson Corr.	.589**	.532**	1	.531**	.358**	.441**	.553**	.527**	.520**
	N	1179	111	1199	1187	96	281	177	1150	1107
Fall Voc	Pearson Corr.	.706**	.655**	.531**	1	.569**	.353**	.654**	.513**	.747**
	N	1171	111	1187	1189	97	281	177	1141	1098
Wint PRF	Pearson Corr.	.561**	.923**	.358**	.569**	1	.529**	.908**	.366**	.588**
	N	96	94	96	97	97	96	83	87	86
Wint MCRC	Pearson Corr.	.515**	.568**	.441**	.353**	.529**	1	.577**	.388**	.409**
	N	285	94	281	281	96	286	96	269	241
Spr PRF	Pearson Corr.	.710**	.908**	.553**	.654**	.908**	.577**	1	.563**	.605**
	N	183	98	177	177	83	96	185	184	185
Spr MCRC	Pearson Corr.	.604**	.545**	.527**	.513**	.366**	.388**	.563**	1	.535**
	N	1173	101	1150	1141	87	269	184	1194	1143
Spr Voc	Pearson Corr.	.701**	.683**	.520**	.747**	.588**	.409**	.605**	.535**	1
	N	1127	100	1107	1098	86	241	185	1143	1148

**Significant at the 0.01 level.

District 2 Descriptive Statistics – Grade 6

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	804	199	261	227.05	9.029
Fall09PRF	784	9	275	138.24	39.798
Fall09MCRC	786	1	20	13.97	3.218
Fall09Voc	787	2	25	14.21	4.242
Wint10PRF	803	6	296	154.10	41.762
Wint10MCRC	612	1	20	13.59	3.022
Spr10PRF	827	1	332	161.05	49.162
Spr10MCRC	813	3	20	14.29	3.185
Spr10Voc	806	1	25	15.21	4.277
Valid N (listwise)	545				

District 2 Correlations – Grade 6

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.658**	.634**	.684**	.659**	.623**	.659**	.606**	.716**
	N	804	762	765	766	785	597	794	781	776
Fall PRF	Pearson Corr.	.658**	1	.524**	.580**	.891**	.500**	.885**	.463**	.563**
	N	762	784	778	779	772	586	776	762	756
Fall MCRC	Pearson Corr.	.634**	.524**	1	.513**	.524**	.546**	.521**	.537**	.529**
	N	765	778	786	785	774	587	778	765	759
Fall Voc	Pearson Corr.	.684**	.580**	.513**	1	.577**	.469**	.570**	.452**	.700**
	N	766	779	785	787	775	589	779	766	760
Wint PRF	Pearson Corr.	.659**	.891**	.524**	.577**	1	.489**	.900**	.471**	.577**
	N	785	772	774	775	803	608	795	782	776
Wint MCRC	Pearson Corr.	.623**	.500**	.546**	.469**	.489**	1	.500**	.524**	.493**
	N	597	586	587	589	608	612	607	594	590
Spr PRF	Pearson Corr.	.659**	.885**	.521**	.570**	.900**	.500**	1	.497**	.577**
	N	794	776	778	779	795	607	827	806	799
Spr MCRC	Pearson Corr.	.606**	.463**	.537**	.452**	.471**	.524**	.497**	1	.530**
	N	781	762	765	766	782	594	806	813	806
Spr Voc	Pearson Corr.	.716**	.563**	.529**	.700**	.577**	.493**	.577**	.530**	1
	N	776	756	759	760	776	590	799	806	806

**Significant at the 0.01 level.

District 3 Descriptive Statistics – Grade 6

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1502	202	272	228.93	9.416
Fall09PRF	264	16	305	146.73	41.113
Fall09MCRC	335	1	19	13.45	3.772
Fall09Voc	95	3	22	13.22	4.182
Wint10PRF	177	29	320	165.54	43.025
Wint10MCRC	276	2	20	12.99	3.448
Spr10PRF	179	31	321	179.85	52.439
Spr10MCRC	229	5	20	14.28	3.399
Spr10Voc	44	1	22	14.20	4.289
Valid N (listwise)	0				

District 3 Correlations – Grade 6

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.587**	.496**	.529**	.632**	.581**	.633**	.657**	.486**
	N	1502	261	328	95	176	275	177	226	44
Fall PRF	Pearson Corr.	.587**	1	.519**	.327*	.832**	.585**	.831**	.578**	-1.000**
	N	261	264	247	44	169	205	162	170	2
Fall MCRC	Pearson Corr.	.496**	.519**	1	.444**	.539**	.499**	.538**	.598**	.113
	N	328	247	335	93	166	233	161	178	16
Fall Voc	Pearson Corr.	.529**	.327*	.444**	1	.306	.262*	.491	.348	.547*
	N	95	44	93	95	14	64	13	31	15
Wint PRF	Pearson Corr.	.632**	.832**	.539**	.306	1	.565**	.887**	.580**	.[a]
	N	176	169	166	14	177	173	169	169	1
Wint MCRC	Pearson Corr.	.581**	.585**	.499**	.262*	.565**	1	.583**	.595**	.129
	N	275	205	233	64	173	276	166	189	17
Spr PRF	Pearson Corr.	.633**	.831**	.538**	.491	.887**	.583**	1	.603**	.[a]
	N	177	162	161	13	169	166	179	176	1
Spr MCRC	Pearson Corr.	.657**	.578**	.598**	.348	.580**	.595**	.603**	1	.468**
	N	226	170	178	31	169	189	176	229	42
Spr Voc	Pearson Corr.	.486**	-1.000**	.113	.547*	.[a]	.129	.[a]	.468**	1
	N	44	2	16	15	1	17	1	42	44

*Significant at the 0.05 level.

**Significant at the 0.01 level.

District 1 Descriptive Statistics – Grade 7

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1219	201	272	236.20	9.587
Fall09PRF	117	66	228	145.74	36.249
Fall09MCRC	1204	1	20	14.36	3.142
Fall09Voc	1201	4	25	15.42	4.368
Wint10PRF	104	75	280	169.40	44.790
Wint10MCRC	116	7	20	15.20	2.703
Spr10PRF	154	28	260	140.98	40.006
Spr10MCRC	1194	2	20	12.98	2.699
Spr10Voc	1146	4	25	16.90	4.400
Valid N (listwise)	77				

District 1 Correlations – Grade 7

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.710**	.636**	.682**	.605**	.604**	.689**	.559**	.707**
	N	1219	117	1187	1184	104	115	151	1168	1122
Fall PRF	Pearson Corr.	.710**	1	.596**	.654**	.792**	.412**	.901**	.469**	.583**
	N	117	117	117	117	99	86	94	102	102
Fall MCRC	Pearson Corr.	.636**	.596**	1	.533**	.552**	.581**	.529**	.514**	.540**
	N	1187	117	1204	1200	101	114	147	1156	1108
Fall Voc	Pearson Corr.	.682**	.654**	.533**	1	.624**	.445**	.590**	.451**	.714**
	N	1184	117	1200	1201	101	114	147	1153	1105
Wint PRF	Pearson Corr.	.605**	.792**	.552**	.624**	1	.292**	.812**	.412**	.571**
	N	104	99	101	101	104	90	81	88	88
Wint MCRC	Pearson Corr.	.604**	.412**	.581**	.445**	.292**	1	.353**	.464**	.424**
	N	115	86	114	114	90	116	81	113	113
Spr PRF	Pearson Corr.	.689**	.901**	.529**	.590**	.812**	.353**	1	.502**	.608**
	N	151	94	147	147	81	81	154	153	153
Spr MCRC	Pearson Corr.	.559**	.469**	.514**	.451**	.412**	.464**	.502**	1	.482**
	N	1168	102	1156	1153	88	113	153	1194	1140
Spr Voc	Pearson Corr.	.707**	.583**	.540**	.714**	.571**	.424**	.608**	.482**	1
	N	1122	102	1108	1105	88	113	153	1140	1146

**Significant at the 0.01 level.

District 2 Descriptive Statistics – Grade 7

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	700	204	264	233.05	8.890
Fall09PRF	681	21	252	147.74	37.486
Fall09MCRC	670	3	20	13.26	3.479
Fall09Voc	673	4	25	13.54	4.276
Wint10PRF	693	15	285	165.15	43.964
Wint10MCRC	543	4	20	14.30	3.136
Spr10PRF	723	18	274	155.27	42.280
Spr10MCRC	659	4	18	12.06	2.862
Spr10Voc	654	4	25	15.04	4.231
Valid N (listwise)	434				

District 2 Correlations – Grade 7

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.639**	.643**	.665**	.668**	.637**	.665**	.599**	.659**
	N	700	662	650	653	675	531	694	631	627
Fall PRF	Pearson Corr.	.639**	1	.498**	.571**	.897**	.458**	.904**	.478**	.529**
	N	662	681	666	669	667	518	673	610	606
Fall MCRC	Pearson Corr.	.643**	.498**	1	.506**	.528**	.521**	.528**	.489**	.526**
	N	650	666	670	668	655	509	662	602	598
Fall Voc	Pearson Corr.	.665**	.571**	.506**	1	.571**	.449**	.582**	.430**	.678**
	N	653	669	668	673	658	511	665	605	601
Wint PRF	Pearson Corr.	.668**	.897**	.528**	.571**	1	.514**	.910**	.493**	.551**
	N	675	667	655	658	693	541	687	624	620
Wint MCRC	Pearson Corr.	.637**	.458**	.521**	.449**	.514**	1	.512**	.463**	.402**
	N	531	518	509	511	541	543	543	481	477
Spr PRF	Pearson Corr.	.665**	.904**	.528**	.582**	.910**	.512**	1	.517**	.562**
	N	694	673	662	665	687	543	723	656	651
Spr MCRC	Pearson Corr.	.599**	.478**	.489**	.430**	.493**	.463**	.517**	1	.457**
	N	631	610	602	605	624	481	656	659	654
Spr Voc	Pearson Corr.	.659**	.529**	.526**	.678**	.551**	.402**	.562**	.457**	1
	N	627	606	598	601	620	477	651	654	654

**Significant at the 0.01 level.

District 3 Descriptive Statistics – Grade 7

	N	Minimum	Maximum	Mean	Std. Deviation
OAKSRdgTot	1552	201	268	232.75	9.879
Fall09PRF	1496	18	290	156.16	38.360
Fall09MCRC	1362	1	20	13.72	3.307
Fall09Voc	9	1	19	10.67	6.164
Wint10PRF	1508	25	333	174.87	46.736
Wint10MCRC	1391	1	20	14.67	3.076
Spr10PRF	1553	27	297	163.87	43.278
Spr10MCRC	1438	1	19	12.43	2.866
Spr10Voc	22	1	21	10.27	6.888
Valid N (listwise)	0				

District 3 Correlations – Grade 7

		OAKS Rdg	Fall PRF	Fall MCRC	Fall Voc	Wint PRF	Wint MCRC	Spr PRF	Spr MCRC	Spr Voc
OAKS Rdg	Pearson Corr.	1	.678**	.666**	.230	.700**	.622**	.703**	.606**	.254
	N	1552	1476	1347	9	1494	1376	1529	1419	18
Fall PRF	Pearson Corr.	.678**	1	.529**	.067	.893**	.523**	.900**	.471**	-.011
	N	1476	1496	1343	9	1454	1356	1471	1373	20
Fall MCRC	Pearson Corr.	.666**	.529**	1	-.087	.542**	.570**	.545**	.500**	.136
	N	1347	1343	1362	9	1327	1305	1343	1308	19
Fall Voc	Pearson Corr.	.230	.067	-.087	1	.024	.332	.234	-.030	.[a]
	N	9	9	9	9	9	8	9	9	0
Wint PRF	Pearson Corr.	.700**	.893**	.542**	.024	1	.532**	.904**	.497**	.137
	N	1494	1454	1327	9	1508	1357	1487	1380	18
Wint MCRC	Pearson Corr.	.622**	.523**	.570**	.332	.532**	1	.523**	.460**	.111
	N	1376	1356	1305	8	1357	1391	1375	1340	16
Spr PRF	Pearson Corr.	.703**	.900**	.545**	.234	.904**	.523**	1	.481**	.083
	N	1529	1471	1343	9	1487	1375	1553	1425	22
Spr MCRC	Pearson Corr.	.606**	.471**	.500**	-.030	.497**	.460**	.481**	1	.012
	N	1419	1373	1308	9	1380	1340	1425	1438	21
Spr Voc	Pearson Corr.	.254	-.011	.136	.[a]	.137	.111	.083	.012	1
	N	18	20	19	0	18	16	22	21	22

**Significant at the 0.01 level.

Grade 3

Full Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	213.64	10.491	754
Fall09WRF	44.44	20.755	754
Fall09Voc	15.67	5.057	754
Fall09MCRC	10.15	3.780	754
Fall09PRF	76.94	36.695	754
Wint10WRF	55.82	22.208	754
Wint10PRF	110.72	40.333	754
Wint10MCRC	10.12	2.924	754
Spr10WRF	63.17	20.509	754
Spr10Voc	21.07	4.071	754
Spr10MCRC	13.38	3.915	754
Spr10PRF	110.76	40.502	754

Correlations

		OAKS Rdg	Fall WRF	Fall Voc	Fall MCRC	Fall PRF	Wint WRF	Wint PRF	Wint MCRC	Spr WRF	Spr Voc	Spr MCRC	Spr PRF
Pearson Corr.	OAKS RdgTot	1.000	.645	.715	.602	.669	.605	.683	.605	.593	.722	.692	.684
	Fall09 WRF	.645	1.000	.732	.636	.911	.911	.877	.520	.870	.676	.507	.865
	Fall09 Voc	.715	.732	1.000	.628	.709	.689	.693	.558	.652	.700	.571	.697
	Fall09 MCRC	.602	.636	.628	1.000	.648	.567	.644	.539	.542	.531	.558	.625
	Fall09 PRF	.669	.911	.709	.648	1.000	.850	.901	.522	.810	.647	.534	.892
	Wint10 WRF	.605	.911	.689	.567	.850	1.000	.885	.484	.895	.668	.478	.851
	Wint10 PRF	.683	.877	.693	.644	.901	.885	1.000	.534	.833	.657	.544	.906
	Wint10 MCRC	.605	.520	.558	.539	.522	.484	.534	1.000	.476	.508	.550	.532
	Spr10 WRF	.593	.870	.652	.542	.810	.895	.833	.476	1.000	.665	.472	.875
	Spr10 Voc	.722	.676	.700	.531	.647	.668	.657	.508	.665	1.000	.599	.662
	Spr10 MCRC	.692	.507	.571	.558	.534	.478	.544	.550	.472	.599	1.000	.564
	Spr10 PRF	.684	.865	.697	.625	.892	.851	.906	.532	.875	.662	.564	1.000

Note. All values are significant, $p < .01$. $n = 754$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.842[a]	.710	.705	5.695

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	58817.939	11	5347.085	164.885	.000[a]
	Residual	24062.490	742	32.429		
	Total	82880.430	753			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	174.555	1.257		138.866	.000			
	Fall09WRF	-.017	.033	-.033	-.501	.617	.645	-.018	-.010
	Fall09Voc	.435	.070	.210	6.209	.000	.715	.222	.123
	Fall09MCRC	.069	.081	.025	.853	.394	.602	.031	.017
	Fall09PRF	.015	.017	.051	.854	.393	.669	.031	.017
	Wint10WRF	-.072	.029	-.153	-2.531	.012	.605	-.093	-.050
	Wint10PRF	.055	.016	.210	3.528	.000	.683	.128	.070
	Wint10MCRC	.444	.094	.124	4.736	.000	.605	.171	.094
	Spr10WRF	-.039	.027	-.076	-1.426	.154	.593	-.052	-.028
	Spr10Voc	.708	.082	.275	8.661	.000	.722	.303	.171
	Spr10MCRC	.632	.075	.236	8.416	.000	.692	.295	.166
	Spr10PRF	.034	.015	.130	2.173	.030	.684	.080	.043

Full Model minus WRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.14	10.604	1877
Fall09Voc	16.89	5.073	1877
Fall09MCRC	10.79	3.729	1877
Fall09PRF	86.22	39.085	1877
Wint10PRF	119.28	43.050	1877
Wint10MCRC	10.68	2.952	1877
Spr10Voc	21.84	3.719	1877
Spr10MCRC	14.02	3.850	1877
Spr10PRF	119.82	41.987	1877

Correlations

		OAKS Rdg	Fall Voc	Fall MCRC	Fall PRF	Wint PRF	Wint MCRC	Spr Voc	Spr MCRC	Spr PRF
Pearson Corr.	OAKS RdgTot	1.000	.714	.592	.669	.670	.590	.693	.661	.680
	Fall09 Voc	.714	1.000	.631	.720	.701	.579	.714	.604	.699
	Fall09 MCRC	.592	.631	1.000	.652	.639	.553	.521	.561	.636
	Fall09 PRF	.669	.720	.652	1.000	.905	.552	.633	.553	.885
	Wint10 PRF	.670	.701	.639	.905	1.000	.553	.639	.564	.904
	Wint10 MCRC	.590	.579	.553	.552	.553	1.000	.520	.567	.552
	Spr10 Voc	.693	.714	.521	.633	.639	.520	1.000	.609	.640
	Spr10 MCRC	.661	.604	.561	.553	.564	.567	.609	1.000	.582
	Spr10 PRF	.680	.699	.636	.885	.904	.552	.640	.582	1.000

Note. All values are significant, $p < .01$. $n = 1877$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.810[a]	.656	.655	6.231

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	138422.871	8	17302.859	445.726	.000[a]
	Residual	72514.757	1868	38.819		
	Total	210937.628	1876			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	175.402	.937		187.229	.000			
	Fall09Voc	.426	.049	.204	8.659	.000	.714	.196	.117
	Fall09MCRC	.146	.056	.052	2.612	.009	.592	.060	.035
	Fall09PRF	.012	.010	.043	1.208	.227	.669	.028	.016
	Wint10PRF	.009	.009	.038	1.016	.310	.670	.023	.014
	Wint10MCRC	.381	.066	.106	5.796	.000	.590	.133	.079
	Spr10Voc	.608	.060	.213	10.148	.000	.693	.229	.138
	Spr10MCRC	.566	.053	.206	10.633	.000	.661	.239	.144
	Spr10PRF	.030	.009	.117	3.364	.001	.680	.078	.046

Individual Fall models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.29	10.724	2015
Fall09Voc	16.90	5.181	2015

Correlations

		OAKSRdgTot	Fall09Voc
Pearson Correlation	OAKSRdgTot	1.000	.701
	Fall09Voc	.701	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09Voc	.000	.
N	OAKSRdgTot	2015	2015
	Fall09Voc	2015	2015

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.701[a]	.491	.491	7.653

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	113723.462	1	113723.462	1941.500	.000[a]
	Residual	117911.590	2013	58.575		
	Total	231635.052	2014			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	190.777	.582		327.897	.000
	Fall09Voc	1.450	.033	.701	44.062	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.18	10.727	2252
Fall09MCRC	10.55	4.054	2252

Correlations

		OAKSRdgTot	Fall09MCRC
Pearson Correlation	OAKSRdgTot	1.000	.574
	Fall09MCRC	.574	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09MCRC	.000	.
N	OAKSRdgTot	2252	2252
	Fall09MCRC	2252	2252

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.574[a]	.329	.329	8.789

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	85211.375	1	85211.375	1103.006	.000[a]
	Residual	173820.932	2250	77.254		
	Total	259032.307	2251			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	199.167	.516		385.667	.000
	Fall09MCRC	1.518	.046	.574	33.212	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.15	10.813	2145
Fall09PRF	87.09	39.375	2145

Correlations

		OAKSRdgTot	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.668
	Fall09PRF	.668	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09PRF	.000	.
N	OAKSRdgTot	2145	2145
	Fall09PRF	2145	2145

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.668[a]	.446	.446	8.050

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	111831.256	1	111831.256	1725.847	.000[a]
	Residual	138861.893	2143	64.798		
	Total	250693.150	2144			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	199.178	.422		471.998	.000
	Fall09PRF	.183	.004	.668	41.543	.000

Full Seasonal Fall Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.28	10.729	1959
Fall09Voc	16.96	5.104	1959
Fall09MCRC	10.81	3.749	1959
Fall09PRF	86.86	39.468	1959

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.714	.597	.674
	Fall09Voc	.714	1.000	.628	.719
	Fall09MCRC	.597	.628	1.000	.654
	Fall09PRF	.674	.719	.654	1.000

Note. All values significant, $p < .01$. $n = 1959$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.759[a]	.576	.576	6.990

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	129873.360	3	43291.120	886.143	.000[a]
	Residual	95508.404	1955	48.853		
	Total	225381.764	1958			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	189.036	.582		324.586	.000			
	Fall09Voc	.892	.047	.424	19.115	.000	.714	.397	.281
	Fall09MCRC	.442	.058	.154	7.568	.000	.597	.169	.111
	Fall09PRF	.073	.006	.268	11.740	.000	.674	.257	.173

Individual Winter Models

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.08	10.837	2232
Wint10PRF	118.83	44.638	2232

Correlations

		OAKSRdgTot	Wint10PRF
Pearson Correlation	OAKSRdgTot	1.000	.661
	Wint10PRF	.661	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10PRF	.000	.
N	OAKSRdgTot	2232	2232
	Wint10PRF	2232	2232

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.661[a]	.437	.437	8.133

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	114534.619	1	114534.619	1731.762	.000[a]
	Residual	147486.865	2230	66.138		
	Total	262021.484	2231			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	196.006	.490		400.323	.000
	Wint10PRF	.161	.004	.661	41.614	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.06	10.802	2391
Wint10MCRC	10.28	3.450	2391

Correlations

		OAKSRdgTot	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.541
	Wint10MCRC	.541	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10MCRC	.000	.
N	OAKSRdgTot	2391	2391
	Wint10MCRC	2391	2391

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.541[a]	.292	.292	9.089

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	81529.211	1	81529.211	987.000	.000[a]
	Residual	197338.591	2389	82.603		
	Total	278867.803	2390			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	197.663	.584		338.422	.000
	Wint10MCRC	1.693	.054	.541	31.417	.000

Full Seasonal Winter Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.17	10.753	2212
Wint10PRF	119.01	44.491	2212
Wint10MCRC	10.63	2.985	2212

Correlations

		OAKSRdgTot	Wint10PRF	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.658	.595
	Wint10PRF	.658	1.000	.521
	Wint10MCRC	.595	.521	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000
	Wint10PRF	.000	.	.000
	Wint10MCRC	.000	.000	.
N	OAKSRdgTot	2212	2212	2212
	Wint10PRF	2212	2212	2212
	Wint10MCRC	2212	2212	2212

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.721[a]	.520	.520	7.451

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	133048.331	2	66524.165	1198.370	.000[a]
	Residual	122626.441	2209	55.512		
	Total	255674.772	2211			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	188.151	.606		310.618	.000			
	Wint10PRF	.115	.004	.477	27.644	.000	.658	.507	.407
	Wint10MCRC	1.250	.062	.347	20.095	.000	.595	.393	.296

Individual Spring Models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.00	10.778	2089
Spr10Voc	21.69	3.962	2089

Correlations

		OAKSRdgTot	Spr10Voc
Pearson Correlation	OAKSRdgTot	1.000	.675
	Spr10Voc	.675	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10Voc	.000	.
N	OAKSRdgTot	2089	2089
	Spr10Voc	2089	2089

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.675[a]	.456	.456	7.950

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	110636.326	1	110636.326	1750.412	.000[a]
	Residual	131910.635	2087	63.206		
	Total	242546.961	2088			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	175.141	.968		180.865	.000
	Spr10Voc	1.837	.044	.675	41.838	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	215.00	10.758	2314
Spr10MCRC	13.61	4.315	2314

Correlations

		OAKSRdgTot	Spr10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.607
	Spr10MCRC	.607	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10MCRC	.000	.
N	OAKSRdgTot	2314	2314
	Spr10MCRC	2314	2314

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.607[a]	.368	.368	8.555

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	98495.132	1	98495.132	1345.741	.000[a]
	Residual	169215.833	2312	73.190		
	Total	267710.965	2313			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	194.413	.589		330.191	.000
	Spr10MCRC	1.512	.041	.607	36.684	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	214.88	10.660	2146
Spr10PRF	119.35	42.229	2146

Correlations

		OAKSRdgTot	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.671
	Spr10PRF	.671	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10PRF	.000	.
N	OAKSRdgTot	2146	2146
	Spr10PRF	2146	2146

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.671[a]	.450	.450	7.907

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	109707.763	1	109707.763	1754.677	.000[a]
	Residual	134049.410	2144	62.523		
	Total	243757.173	2145			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	194.669	.512		380.340	.000
	Spr10PRF	.169	.004	.671	41.889	.000

Full Seasonal Spring Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	214.90	10.677	2006
Spr10Voc	21.75	3.777	2006
Spr10MCRC	13.94	3.872	2006
Spr10PRF	118.91	42.025	2006

Correlations

		OAKSRdgTot	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.700	.662	.681
	Spr10Voc	.700	1.000	.613	.643
	Spr10MCRC	.662	.613	1.000	.578
	Spr10PRF	.681	.643	.578	1.000

Note. All values are significant, $p < .01$. $n = 2006$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.792[a]	.627	.626	6.528

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	143263.698	3	47754.566	1120.627	.000[a]
	Residual	85313.527	2002	42.614		
	Total	228577.225	2005			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	174.460	.871		200.315	.000			
	Spr10Voc	.934	.055	.330	17.108	.000	.700	.357	.234
	Spr10MCRC	.782	.050	.284	15.644	.000	.662	.330	.214
	Spr10PRF	.077	.005	.305	16.278	.000	.681	.342	.222

Grade 4

Full Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.65	10.192	1867
Fall09Voc	16.17	4.455	1867
Fall09MCRC	12.34	4.147	1867
Fall09PRF	110.23	36.068	1867
Wint10PRF	132.92	36.444	1867
Wint10MCRC	14.05	3.425	1867
Spr10Voc	19.84	3.903	1867
Spr10MCRC	14.07	3.681	1867
Spr10PRF	142.17	41.523	1867

Correlations

		OAKS Rdg	Fall Voc	Fall MCRC	Fall PRF	Wint PRF	Wint MCRC	Spr Voc	Spr MCRC	Spr PRF
Pearson Corr.	OAKS RdgTot	1.000	.719	.703	.675	.651	.633	.724	.654	.655
	Fall09 Voc	.719	1.000	.663	.706	.685	.579	.709	.555	.670
	Fall09 MCRC	.703	.663	1.000	.628	.613	.614	.608	.581	.582
	Fall09 PRF	.675	.706	.628	1.000	.887	.522	.619	.508	.874
	Wint10 PRF	.651	.685	.613	.887	1.000	.538	.617	.514	.902
	Wint10 MCRC	.633	.579	.614	.522	.538	1.000	.572	.571	.523
	Spr10 Voc	.724	.709	.608	.619	.617	.572	1.000	.584	.598
	Spr10 MCRC	.654	.555	.581	.508	.514	.571	.584	1.000	.518
	Spr10 PRF	.655	.670	.582	.874	.902	.523	.598	.518	1.000

Note. All values are significant, $p < .01$. $n = 1867$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.841[a]	.707	.706	5.524

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	137125.637	8	17140.705	561.662	.000[a]
	Residual	56702.164	1858	30.518		
	Total	193827.801	1866			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	181.604	.719		252.611	.000			
	Fall09Voc	.355	.049	.155	7.247	.000	.719	.166	.091
	Fall09MCRC	.474	.047	.193	10.030	.000	.703	.227	.126
	Fall09PRF	.035	.009	.124	4.064	.000	.675	.094	.051
	Wint10PRF	-.024	.009	-.084	-2.532	.011	.651	-.059	-.032
	Wint10MCRC	.320	.052	.107	6.123	.000	.633	.141	.077
	Spr10Voc	.621	.051	.238	12.165	.000	.724	.272	.153
	Spr10MCRC	.483	.048	.175	10.153	.000	.654	.229	.127
	Spr10PRF	.029	.008	.118	3.748	.000	.655	.087	.047

Individual Fall models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.58	10.244	1953
Fall09Voc	16.09	4.544	1953

Correlations

		OAKSRdgTot	Fall09Voc
Pearson Correlation	OAKSRdgTot	1.000	.709
	Fall09Voc	.709	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09Voc	.000	.
N	OAKSRdgTot	1953	1953
	Fall09Voc	1953	1953

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.709[a]	.502	.502	7.228

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	102910.515	1	102910.515	1969.745	.000[a]
	Residual	101931.194	1951	52.246		
	Total	204841.709	1952			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	195.867	.602		325.358	.000
	Fall09Voc	1.598	.036	.709	44.382	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.50	10.216	2244
Fall09MCRC	12.03	4.407	2244

Correlations

		OAKSRdgTot	Fall09MCRC
Pearson Correlation	OAKSRdgTot	1.000	.673
	Fall09MCRC	.673	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09MCRC	.000	.
N	OAKSRdgTot	2244	2244
	Fall09MCRC	2244	2244

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.673[a]	.453	.453	7.555

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	106150.174	1	106150.174	1859.798	.000[a]
	Residual	127964.825	2242	57.076		
	Total	234115.000	2243			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	202.715	.464		437.004	.000
	Fall09MCRC	1.561	.036	.673	43.125	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.52	10.225	2211
Fall09PRF	110.95	36.222	2211

Correlations

		OAKSRdgTot	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.669
	Fall09PRF	.669	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09PRF	.000	.
N	OAKSRdgTot	2211	2211
	Fall09PRF	2211	2211

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.669[a]	.448	.447	7.601

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	103426.906	1	103426.906	1790.224	.000[a]
	Residual	127620.949	2209	57.773		
	Total	231047.854	2210			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	200.566	.521		384.989	.000
	Fall09PRF	.189	.004	.669	42.311	.000

Full Seasonal Fall Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.64	10.276	1917
Fall09Voc	16.17	4.477	1917
Fall09MCRC	12.35	4.149	1917
Fall09PRF	110.42	36.297	1917

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.722	.704	.679
	Fall09Voc	.722	1.000	.663	.708
	Fall09MCRC	.704	.663	1.000	.630
	Fall09PRF	.679	.708	.630	1.000

Note. All values are significant, $p < .01$. $n = 1917$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.797[a]	.635	.634	6.212

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	128477.152	3	42825.717	1109.706	.000[a]
	Residual	73826.427	1913	38.592		
	Total	202303.579	1916			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	191.696	.547		350.226	.000			
	Fall09Voc	.772	.049	.336	15.797	.000	.722	.340	.218
	Fall09MCRC	.831	.048	.336	17.327	.000	.704	.368	.239
	Fall09PRF	.065	.006	.230	11.205	.000	.679	.248	.155

Individual Winter Models

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.68	10.217	2163
Wint10PRF	133.89	37.071	2163

Correlations

		OAKSRdgTot	Wint10PRF
Pearson Correlation	OAKSRdgTot	1.000	.643
	Wint10PRF	.643	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10PRF	.000	.
N	OAKSRdgTot	2163	2163
	Wint10PRF	2163	2163

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.643[a]	.414	.414	7.824

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93380.564	1	93380.564	1525.406	.000[a]
	Residual	132289.603	2161	61.217		
	Total	225670.166	2162			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	197.939	.631		313.884	.000
	Wint10PRF	.177	.005	.643	39.056	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.49	10.300	2288
Wint10MCRC	13.41	4.305	2288

Correlations

		OAKSRdgTot	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.548
	Wint10MCRC	.548	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10MCRC	.000	.
N	OAKSRdgTot	2288	2288
	Wint10MCRC	2288	2288

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.548[a]	.300	.300	8.620

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	72808.354	1	72808.354	979.972	.000[a]
	Residual	169841.488	2286	74.296		
	Total	242649.842	2287			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	203.920	.590		345.903	.000
	Wint10MCRC	1.311	.042	.548	31.305	.000

Full Seasonal Winter Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.70	10.220	2146
Wint10PRF	134.10	36.958	2146
Wint10MCRC	13.98	3.481	2146

Correlations

		OAKSRdgTot	Wint10PRF	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.645	.635
	Wint10PRF	.645	1.000	.526
	Wint10MCRC	.635	.526	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000
	Wint10PRF	.000	.	.000
	Wint10MCRC	.000	.000	.
N	OAKSRdgTot	2146	2146	2146
	Wint10PRF	2146	2146	2146
	Wint10MCRC	2146	2146	2146

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.732[a]	.536	.536	6.962

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	120199.440	2	60099.720	1240.026	.000[a]
	Residual	103863.693	2143	48.466		
	Total	224063.133	2145			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	188.995	.677		279.051	.000			
	Wint10PRF	.119	.005	.430	24.855	.000	.645	.473	.366
	Wint10MCRC	1.199	.051	.408	23.616	.000	.635	.454	.347

Individual Spring Models
Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.33	10.175	2081
Spr10Voc	19.55	4.300	2081

Correlations

		OAKSRdgTot	Spr10Voc
Pearson Correlation	OAKSRdgTot	1.000	.690
	Spr10Voc	.690	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10Voc	.000	.
N	OAKSRdgTot	2081	2081
	Spr10Voc	2081	2081

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.690[a]	.476	.476	7.368

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	102474.495	1	102474.495	1887.560	.000[a]
	Residual	112867.650	2079	54.289		
	Total	215342.145	2080			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	189.416	.752		251.862	.000
	Spr10Voc	1.632	.038	.690	43.446	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.39	10.175	2304
Spr10MCRC	13.58	4.194	2304

Correlations

		OAKSRdgTot	Spr10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.599
	Spr10MCRC	.599	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10MCRC	.000	.
N	OAKSRdgTot	2304	2304
	Spr10MCRC	2304	2304

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.599[a]	.359	.359	8.146

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	85684.266	1	85684.266	1291.375	.000[a]
	Residual	152740.389	2302	66.351		
	Total	238424.656	2303			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	201.637	.575		350.486	.000
	Spr10MCRC	1.454	.040	.599	35.936	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.51	10.272	2194
Spr10PRF	142.65	42.141	2194

Correlations

		OAKSRdgTot	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.656
	Spr10PRF	.656	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10PRF	.000	.
N	OAKSRdgTot	2194	2194
	Spr10PRF	2194	2194

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.656[a]	.431	.431	7.750

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	99723.159	1	99723.159	1660.270	.000[a]
	Residual	131661.193	2192	60.064		
	Total	231384.352	2193			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	198.681	.584		340.121	.000
	Spr10PRF	.160	.004	.656	40.746	.000

Full Seasonal Spring Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	221.36	10.231	2011
Spr10Voc	19.66	4.116	2011
Spr10MCRC	13.95	3.747	2011
Spr10PRF	141.34	41.498	2011

Correlations

		OAKSRdgTot	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.712	.658	.656
	Spr10Voc	.712	1.000	.583	.585
	Spr10MCRC	.658	.583	1.000	.519
	Spr10PRF	.656	.585	.519	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Spr10Voc	.000	.	.000	.000
	Spr10MCRC	.000	.000	.	.000
	Spr10PRF	.000	.000	.000	.
N	OAKSRdgTot	2011	2011	2011	2011
	Spr10Voc	2011	2011	2011	2011
	Spr10MCRC	2011	2011	2011	2011
	Spr10PRF	2011	2011	2011	2011

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.804[a]	.646	.645	6.093

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	135888.331	3	45296.110	1220.117	.000[a]
	Residual	74508.676	2007	37.124		
	Total	210397.007	2010			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	181.992	.684		265.952	.000			
	Spr10Voc	.934	.044	.376	20.990	.000	.712	.424	.279
	Spr10MCRC	.793	.046	.290	17.089	.000	.658	.356	.227
	Spr10PRF	.070	.004	.286	16.805	.000	.656	.351	.223

Grade 5

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.98	8.871	1975
Fall09Voc	18.74	4.437	1975
Fall09MCRC	13.90	3.164	1975
Fall09PRF	148.29	40.638	1975
Wint10PRF	154.86	39.737	1975
Wint10MCRC	16.09	2.989	1975
Spr10Voc	20.66	3.602	1975
Spr10MCRC	14.60	2.783	1975
Spr10PRF	169.23	37.998	1975

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF	Wint10PRF	Wint10MCRC	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.712	.612	.676	.660	.619	.699	.592	.641
	Fall09Voc	.712	1.000	.583	.638	.618	.590	.733	.528	.584
	Fall09MCRC	.612	.583	1.000	.572	.560	.601	.550	.526	.551
	Fall09PRF	.676	.638	.572	1.000	.900	.539	.591	.505	.875
	Wint10PRF	.660	.618	.560	.900	1.000	.536	.568	.509	.889
	Wint10MCRC	.619	.590	.601	.539	.536	1.000	.593	.573	.530
	Spr10Voc	.699	.733	.550	.591	.568	.593	1.000	.536	.534
	Spr10MCRC	.592	.528	.526	.505	.509	.573	.536	1.000	.497
	Spr10PRF	.641	.584	.551	.875	.889	.530	.534	.497	1.000

Note. All values are significant, $p < .01$. $n = 1975$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.817[a]	.668	.667	5.122

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	103772.902	8	12971.613	494.531	.000[a]
	Residual	51568.441	1966	26.230		
	Total	155341.344	1974			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	182.657	.802		227.828	.000			
	Fall09Voc	.430	.043	.215	10.093	.000	.712	.222	.131
	Fall09MCRC	.282	.051	.100	5.508	.000	.612	.123	.072
	Fall09PRF	.027	.007	.125	3.761	.000	.676	.085	.049
	Wint10PRF	.012	.008	.054	1.574	.116	.660	.035	.020
	Wint10MCRC	.279	.056	.094	5.022	.000	.619	.113	.065
	Spr10Voc	.537	.051	.218	10.623	.000	.699	.233	.138
	Spr10MCRC	.410	.055	.129	7.457	.000	.592	.166	.097
	Spr10PRF	.017	.007	.072	2.348	.019	.641	.053	.031

Individual Fall models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.85	8.934	2140
Fall09Voc	18.57	4.676	2140

Correlations

		OAKSRdgTot	Fall09Voc
Pearson Correlation	OAKSRdgTot	1.000	.698
	Fall09Voc	.698	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09Voc	.000	.
N	OAKSRdgTot	2140	2140
	Fall09Voc	2140	2140

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.698[a]	.487	.487	6.399

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	83174.897	1	83174.897	2031.443	.000[a]
	Residual	87537.736	2138	40.944		
	Total	170712.633	2139			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	200.095	.566		353.242	.000
	Fall09Voc	1.333	.030	.698	45.072	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.76	8.944	2410
Fall09MCRC	13.58	3.606	2410

Correlations

		OAKSRdgTot	Fall09MCRC
Pearson Correlation	OAKSRdgTot	1.000	.562
	Fall09MCRC	.562	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09MCRC	.000	.
N	OAKSRdgTot	2410	2410
	Fall09MCRC	2410	2410

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.562[a]	.315	.315	7.402

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	60759.838	1	60759.838	1108.826	.000[a]
	Residual	131950.058	2408	54.797		
	Total	192709.896	2409			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	205.840	.588		350.155	.000
	Fall09MCRC	1.393	.042	.562	33.299	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.74	8.983	2331
Fall09PRF	148.86	41.123	2331

Correlations

		OAKSRdgTot	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.673
	Fall09PRF	.673	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09PRF	.000	.
N	OAKSRdgTot	2331	2331
	Fall09PRF	2331	2331

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.673[a]	.453	.453	6.643

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	85238.290	1	85238.290	1931.716	.000[a]
	Residual	102768.722	2329	44.126		
	Total	188007.012	2330			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	202.847	.517		392.502	.000
	Fall09PRF	.147	.003	.673	43.951	.000

Full Seasonal Fall Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.87	8.924	2062
Fall09Voc	18.67	4.539	2062
Fall09MCRC	13.87	3.174	2062
Fall09PRF	148.25	40.655	2062

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.715	.612	.675
	Fall09Voc	.715	1.000	.588	.634
	Fall09MCRC	.612	.588	1.000	.572
	Fall09PRF	.675	.634	.572	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Fall09Voc	.000	.	.000	.000
	Fall09MCRC	.000	.000	.	.000
	Fall09PRF	.000	.000	.000	.
N	OAKSRdgTot	2062	2062	2062	2062
	Fall09Voc	2062	2062	2062	2062
	Fall09MCRC	2062	2062	2062	2062
	Fall09PRF	2062	2062	2062	2062

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.785[a]	.617	.616	5.527

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	101248.552	3	33749.517	1104.660	.000[a]
	Residual	62875.916	2058	30.552		
	Total	164124.468	2061			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	192.328	.598		321.795	.000			
	Fall09Voc	.794	.037	.404	21.390	.000	.715	.426	.292
	Fall09MCRC	.564	.050	.201	11.272	.000	.612	.241	.154
	Fall09PRF	.067	.004	.304	16.351	.000	.675	.339	.223

Individual Winter Models

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.88	8.978	2269
Wint10PRF	155.87	40.799	2269

Correlations

		OAKSRdgTot	Wint10PRF
Pearson Correlation	OAKSRdgTot	1.000	.654
	Wint10PRF	.654	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10PRF	.000	.
N	OAKSRdgTot	2269	2269
	Wint10PRF	2269	2269

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.654[a]	.428	.428	6.790

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	78277.089	1	78277.089	1697.886	.000[a]
	Residual	104514.782	2267	46.103		
	Total	182791.871	2268			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	202.437	.563		359.546	.000
	Wint10PRF	.144	.003	.654	41.205	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.78	8.997	2428
Wint10MCRC	15.48	3.931	2428

Correlations

		OAKSRdgTot	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.526
	Wint10MCRC	.526	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10MCRC	.000	.
N	OAKSRdgTot	2428	2428
	Wint10MCRC	2428	2428

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.526[a]	.276	.276	7.655

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	54282.304	1	54282.304	926.285	.000[a]
	Residual	142168.876	2426	58.602		
	Total	196451.180	2427			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	206.155	.631		326.484	.000
	Wint10MCRC	1.203	.040	.526	30.435	.000

Full Seasonal Winter Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.93	8.943	2256
Wint10PRF	156.07	40.755	2256
Wint10MCRC	15.99	3.098	2256

Correlations

		OAKSRdgTot	Wint10PRF	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.652	.626
	Wint10PRF	.652	1.000	.519
	Wint10MCRC	.626	.519	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000
	Wint10PRF	.000	.	.000
	Wint10MCRC	.000	.000	.
N	OAKSRdgTot	2256	2256	2256
	Wint10PRF	2256	2256	2256
	Wint10MCRC	2256	2256	2256

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.734[a]	.538	.538	6.080

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97077.825	2	48538.912	1313.135	.000[a]
	Residual	83280.249	2253	36.964		
	Total	180358.074	2255			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	191.439	.695		275.532	.000			
	Wint10PRF	.098	.004	.448	26.741	.000	.652	.491	.383
	Wint10MCRC	1.135	.048	.393	23.465	.000	.626	.443	.336

Individual Spring Models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.84	9.044	2195
Spr10Voc	20.50	3.780	2195

Correlations

		OAKSRdgTot	Spr10Voc
Pearson Correlation	OAKSRdgTot	1.000	.683
	Spr10Voc	.683	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10Voc	.000	.
N	OAKSRdgTot	2195	2195
	Spr10Voc	2195	2195

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.683[a]	.466	.466	6.610

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	83629.795	1	83629.795	1914.157	.000[a]
	Residual	95812.466	2193	43.690		
	Total	179442.262	2194			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	191.357	.778		245.915	.000
	Spr10Voc	1.633	.037	.683	43.751	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.77	9.100	2395
Spr10MCRC	14.29	3.229	2395

Correlations

		OAKSRdgTot	Spr10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.545
	Spr10MCRC	.545	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10MCRC	.000	.
N	OAKSRdgTot	2395	2395
	Spr10MCRC	2395	2395

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.545[a]	.297	.297	7.632

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	58877.684	1	58877.684	1010.899	.000[a]
	Residual	139375.241	2393	58.243		
	Total	198252.924	2394			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	202.827	.707		286.688	.000
	Spr10MCRC	1.536	.048	.545	31.795	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.72	9.081	2368
Spr10PRF	169.52	39.255	2368

Correlations

		OAKSRdgTot	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.651
	Spr10PRF	.651	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10PRF	.000	.
N	OAKSRdgTot	2368	2368
	Spr10PRF	2368	2368

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.651[a]	.423	.423	6.897

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	82621.773	1	82621.773	1736.831	.000[a]
	Residual	112551.604	2366	47.570		
	Total	195173.377	2367			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	199.211	.628		317.020	.000
	Spr10PRF	.151	.004	.651	41.675	.000

Full Seasonal Spring Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	224.80	9.035	2109
Spr10Voc	20.56	3.746	2109
Spr10MCRC	14.54	2.851	2109
Spr10PRF	168.63	38.285	2109

Correlations

		OAKSRdgTot	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.695	.602	.650
	Spr10Voc	.695	1.000	.535	.529
	Spr10MCRC	.602	.535	1.000	.500
	Spr10PRF	.650	.529	.500	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Spr10Voc	.000	.	.000	.000
	Spr10MCRC	.000	.000	.	.000
	Spr10PRF	.000	.000	.000	.
N	OAKSRdgTot	2109	2109	2109	2109
	Spr10Voc	2109	2109	2109	2109
	Spr10MCRC	2109	2109	2109	2109
	Spr10PRF	2109	2109	2109	2109

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.791[a]	.626	.625	5.530

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	107706.753	3	35902.251	1174.133	.000[a]
	Residual	64366.004	2105	30.578		
	Total	172072.758	2108			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	181.561	.750		242.118	.000			
	Spr10Voc	.974	.041	.404	23.899	.000	.695	.462	.319
	Spr10MCRC	.711	.052	.224	13.559	.000	.602	.283	.181
	Spr10PRF	.076	.004	.324	19.629	.000	.650	.393	.262

Grade 6

Full Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	227.70	9.236	625
Fall09Voc	14.38	4.341	625
Fall09MCRC	14.07	3.244	625
Fall09PRF	140.63	39.527	625
Wint10PRF	154.10	41.937	625
Wint10MCRC	13.79	2.921	625
Spr10Voc	15.57	4.269	625
Spr10MCRC	14.57	3.101	625
Spr10PRF	163.48	48.356	625

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF	Wint10PRF	Wint10MCRC	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson	OAKSRdgTot	1.000	.682	.638	.657	.646	.624	.722	.616	.652
Correlation	Fall09Voc	.682	1.000	.490	.565	.555	.460	.695	.442	.545
	Fall09MCRC	.638	.490	1.000	.505	.509	.523	.540	.546	.507
	Fall09PRF	.657	.565	.505	1.000	.891	.503	.540	.445	.879
	Wint10PRF	.646	.555	.509	.891	1.000	.489	.543	.470	.894
	Wint10MCRC	.624	.460	.523	.503	.489	1.000	.468	.509	.499
	Spr10Voc	.722	.695	.540	.540	.543	.468	1.000	.518	.535
	Spr10MCRC	.616	.442	.546	.445	.470	.509	.518	1.000	.477
	Spr10PRF	.652	.545	.507	.879	.894	.499	.535	.477	1.000

Note. All values significant, $p < .01$. $n = 625$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.853[a]	.727	.724	4.856

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	38702.424	8	4837.803	205.141	.000[a]
	Residual	14527.026	616	23.583		
	Total	53229.450	624			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	187.570	1.112		168.627	.000			
	Fall09Voc	.374	.066	.176	5.638	.000	.682	.222	.119
	Fall09MCRC	.392	.081	.138	4.828	.000	.638	.191	.102
	Fall09PRF	.028	.012	.120	2.332	.020	.657	.094	.049
	Wint10PRF	.001	.012	.004	.065	.948	.646	.003	.001
	Wint10MCRC	.544	.086	.172	6.300	.000	.624	.246	.133
	Spr10Voc	.555	.069	.257	8.005	.000	.722	.307	.168
	Spr10MCRC	.438	.082	.147	5.314	.000	.616	.209	.112
	Spr10PRF	.016	.010	.085	1.630	.104	.652	.066	.034

Individual Fall Model

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	228.84	9.153	2036
Fall09Voc	15.26	4.476	2036

Correlations

		OAKSRdgTot	Fall09Voc
Pearson Correlation	OAKSRdgTot	1.000	.693
	Fall09Voc	.693	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09Voc	.000	.
N	OAKSRdgTot	2036	2036
	Fall09Voc	2036	2036

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.693[a]	.480	.480	6.603

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	81813.362	1	81813.362	1876.578	.000[a]
	Residual	88676.518	2034	43.597		
	Total	170489.880	2035			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	207.221	.520		398.531	.000
	Fall09Voc	1.417	.033	.693	43.319	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	228.70	9.141	2299
Fall09MCRC	14.22	3.482	2299

Correlations

		OAKSRdgTot	Fall09MCRC
Pearson Correlation	OAKSRdgTot	1.000	.551
	Fall09MCRC	.551	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09MCRC	.000	.
N	OAKSRdgTot	2299	2299
	Fall09MCRC	2299	2299

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.551[a]	.304	.304	7.628

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	58354.149	1	58354.149	1002.780	.000[a]
	Residual	133667.941	2297	58.192		
	Total	192022.090	2298			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	208.121	.669		311.021	.000
	Fall09MCRC	1.447	.046	.551	31.667	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	227.34	8.932	1134
Fall09PRF	141.30	39.629	1134

Correlations

		OAKSRdgTot	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.645
	Fall09PRF	.645	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09PRF	.000	.
N	OAKSRdgTot	1134	1134
	Fall09PRF	1134	1134

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.645[a]	.416	.416	6.828

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	37615.186	1	37615.186	806.930	.000[a]
	Residual	52768.374	1132	46.615		
	Total	90383.560	1133			

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	206.799	.751		275.324	.000
	Fall09PRF	.145	.005	.645	28.407	.000

Full Seasonal Fall Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	227.36	9.040	910
Fall09Voc	14.37	4.219	910
Fall09MCRC	14.14	3.140	910
Fall09PRF	140.43	39.053	910

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.691	.616	.650
	Fall09Voc	.691	1.000	.489	.564
	Fall09MCRC	.616	.489	1.000	.510
	Fall09PRF	.650	.564	.510	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Fall09Voc	.000	.	.000	.000
	Fall09MCRC	.000	.000	.	.000
	Fall09PRF	.000	.000	.000	.
N	OAKSRdgTot	910	910	910	910
	Fall09Voc	910	910	910	910
	Fall09MCRC	910	910	910	910
	Fall09PRF	910	910	910	910

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.793[a]	.629	.627	5.518

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	46692.932	3	15564.311	511.106	.000[a]
	Residual	27589.710	906	30.452		
	Total	74282.642	909			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	194.637	.901		216.001	.000			
	Fall09Voc	.843	.055	.393	15.379	.000	.691	.455	.311
	Fall09MCRC	.799	.071	.278	11.308	.000	.616	.352	.229
	Fall09PRF	.066	.006	.286	11.043	.000	.650	.344	.224

Individual Winter Models

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	227.76	8.877	1057
Wint10PRF	157.27	41.108	1057

Correlations

		OAKSRdgTot	Wint10PRF
Pearson Correlation	OAKSRdgTot	1.000	.647
	Wint10PRF	.647	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10PRF	.000	.
N	OAKSRdgTot	1057	1057
	Wint10PRF	1057	1057

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.647[a]	.418	.418	6.775

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	34799.315	1	34799.315	758.256	.000[a]
	Residual	48418.081	1055	45.894		
	Total	83217.396	1056			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	205.800	.824		249.655	.000
	Wint10PRF	.140	.005	.647	27.536	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	228.06	9.170	1211
Wint10MCRC	12.97	4.132	1211

Correlations

		OAKSRdgTot	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.440
	Wint10MCRC	.440	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10MCRC	.000	.
N	OAKSRdgTot	1211	1211
	Wint10MCRC	1211	1211

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.440[a]	.194	.193	8.236

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	19738.872	1	19738.872	291.003	.000[a]
	Residual	82007.082	1209	67.831		
	Total	101745.954	1210			

Coefficients[a]

		Unstandardized Coefficients		Standardized Coefficients		
Model		B	Std. Error	Beta	t	Sig.
1	(Constant)	215.386	.780		276.261	.000
	Wint10MCRC	.977	.057	.440	17.059	.000

Full Seasonal Winter Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	227.88	9.062	863
Wint10PRF	156.77	42.195	863
Wint10MCRC	13.71	2.971	863

Correlations

		OAKSRdgTot	Wint10PRF	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.648	.620
	Wint10PRF	.648	1.000	.493
	Wint10MCRC	.620	.493	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000
	Wint10PRF	.000	.	.000
	Wint10MCRC	.000	.000	.
N	OAKSRdgTot	863	863	863
	Wint10PRF	863	863	863
	Wint10MCRC	863	863	863

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.734[a]	.539	.538	6.158

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	38168.707	2	19084.353	503.189	.000[a]
	Residual	32617.027	860	37.927		
	Total	70785.733	862			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	196.046	1.050		186.788	.000			
	Wint10PRF	.097	.006	.452	16.984	.000	.648	.501	.393
	Wint10MCRC	1.211	.081	.397	14.923	.000	.620	.454	.345

Individual Spring Models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	228.73	9.183	1950
Spr10Voc	16.39	4.416	1950

Correlations

		OAKSRdgTot	Spr10Voc
Pearson Correlation	OAKSRdgTot	1.000	.708
	Spr10Voc	.708	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10Voc	.000	.
N	OAKSRdgTot	1950	1950
	Spr10Voc	1950	1950

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.708[a]	.501	.500	6.490

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	82291.848	1	82291.848	1953.553	.000[a]
	Residual	82057.952	1948	42.124		
	Total	164349.799	1949			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	204.622	.565		362.183	.000
	Spr10Voc	1.471	.033	.708	44.199	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	228.70	9.164	2206
Spr10MCRC	14.63	3.358	2206

Correlations

		OAKSRdgTot	Spr10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.554
	Spr10MCRC	.554	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10MCRC	.000	.
N	OAKSRdgTot	2206	2206
	Spr10MCRC	2206	2206

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.554[a]	.307	.306	7.633

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	56769.371	1	56769.371	974.347	.000[a]
	Residual	128413.926	2204	58.264		
	Total	185183.296	2205			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	206.594	.727		284.280	.000
	Spr10MCRC	1.511	.048	.554	31.215	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	227.12	9.111	1154
Spr10PRF	163.93	48.878	1154

Correlations

		OAKSRdgTot	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.665
	Spr10PRF	.665	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10PRF	.000	.
N	OAKSRdgTot	1154	1154
	Spr10PRF	1154	1154

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.665[a]	.443	.442	6.804

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	42374.382	1	42374.382	915.356	.000[a]
	Residual	53329.290	1152	46.293		
	Total	95703.672	1153			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	206.783	.701		294.884	.000
	Spr10PRF	.124	.004	.665	30.255	.000

Full Seasonal Spring Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	226.80	9.213	955
Spr10Voc	15.29	4.433	955
Spr10MCRC	14.32	3.159	955
Spr10PRF	160.51	47.636	955

Correlations

		OAKSRdgTot	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.709	.628	.670
	Spr10Voc	.709	1.000	.517	.563
	Spr10MCRC	.628	.517	1.000	.503
	Spr10PRF	.670	.563	.503	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Spr10Voc	.000	.	.000	.000
	Spr10MCRC	.000	.000	.	.000
	Spr10PRF	.000	.000	.000	.
N	OAKSRdgTot	955	955	955	955
	Spr10Voc	955	955	955	955
	Spr10MCRC	955	955	955	955
	Spr10PRF	955	955	955	955

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.811[a]	.657	.656	5.403

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	53209.135	3	17736.378	607.562	.000[a]
	Residual	27762.264	951	29.193		
	Total	80971.399	954			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	193.414	.854		226.392	.000			
	Spr10Voc	.820	.051	.394	16.233	.000	.709	.466	.308
	Spr10MCRC	.774	.068	.265	11.416	.000	.628	.347	.217
	Spr10PRF	.061	.005	.315	13.075	.000	.670	.390	.248

Grade 7

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	233.75	8.810	513
Fall09Voc	13.82	4.154	513
Fall09MCRC	13.12	3.547	513
Fall09PRF	150.87	36.463	513
Wint10PRF	167.39	43.803	513
Wint10MCRC	14.63	3.060	513
Spr10Voc	15.29	4.227	513
Spr10MCRC	12.27	2.800	513
Spr10PRF	159.35	41.083	513

Correlations

		OAKS Rdg	Fall Voc	Fall MCRC	Fall09PRF	Wint10PRF	Wint10MCRC	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.679	.666	.642	.660	.591	.667	.633	.676
	Fall09Voc	.679	1.000	.543	.545	.541	.419	.688	.448	.578
	Fall09MCRC	.666	.543	1.000	.516	.542	.503	.543	.518	.532
	Fall09PRF	.642	.545	.516	1.000	.871	.406	.517	.446	.897
	Wint10PRF	.660	.541	.542	.871	1.000	.431	.541	.458	.897
	Wint10MCRC	.591	.419	.503	.406	.431	1.000	.402	.449	.435
	Spr10Voc	.667	.688	.543	.517	.541	.402	1.000	.442	.550
	Spr10MCRC	.633	.448	.518	.446	.458	.449	.442	1.000	.462
	Spr10PRF	.676	.578	.532	.897	.897	.435	.550	.462	1.000

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.855[a]	.731	.726	4.608

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	29033.343	8	3629.168	170.885	.000[a]
	Residual	10703.710	504	21.238		
	Total	39737.053	512			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	194.489	1.181		164.683	.000			
	Fall09Voc	.378	.073	.178	5.142	.000	.679	.223	.119
	Fall09MCRC	.385	.080	.155	4.835	.000	.666	.211	.112
	Fall09PRF	.009	.013	.036	.647	.518	.642	.029	.015
	Wint10PRF	.014	.011	.067	1.189	.235	.660	.053	.027
	Wint10MCRC	.504	.081	.175	6.190	.000	.591	.266	.143
	Spr10Voc	.354	.071	.170	4.999	.000	.667	.217	.116
	Spr10MCRC	.667	.091	.212	7.327	.000	.633	.310	.169
	Spr10PRF	.028	.014	.130	2.062	.040	.676	.091	.048

Individual Fall models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	235.25	9.435	1855
Fall09Voc	14.73	4.532	1855

Correlations

		OAKSRdgTot	Fall09Voc
Pearson Correlation	OAKSRdgTot	1.000	.670
	Fall09Voc	.670	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09Voc	.000	.
N	OAKSRdgTot	1855	1855
	Fall09Voc	1855	1855

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.670[a]	.449	.448	7.007

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	74044.444	1	74044.444	1508.055	.000[a]
	Residual	90980.993	1853	49.099		
	Total	165025.437	1854			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	214.705	.553		387.905	.000
	Fall09Voc	1.395	.036	.670	38.834	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	233.55	18.135	3205
Fall09MCRC	13.86	3.352	3205

Correlations

		OAKSRdgTot	Fall09MCRC
Pearson Correlation	OAKSRdgTot	1.000	.395
	Fall09MCRC	.395	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09MCRC	.000	.
N	OAKSRdgTot	3205	3205
	Fall09MCRC	3205	3205

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.395[a]	.156	.156	16.660

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	164750.764	1	164750.764	593.586	.000[a]
	Residual	888997.880	3203	277.552		
	Total	1053748.645	3204			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	203.898	1.252		162.863	.000
	Fall09MCRC	2.139	.088	.395	24.364	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	231.04	23.244	2274
Fall09PRF	153.56	37.831	2274

Correlations

		OAKSRdgTot	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.380
	Fall09PRF	.380	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Fall09PRF	.000	.
N	OAKSRdgTot	2274	2274
	Fall09PRF	2274	2274

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.380[a]	.145	.144	21.502

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	177714.464	1	177714.464	384.396	.000[a]
	Residual	1050394.226	2272	462.321		
	Total	1228108.690	2273			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	195.153	1.885		103.512	.000
	Fall09PRF	.234	.012	.380	19.606	.000

Full Seasonal Fall Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	233.16	8.999	781
Fall09Voc	13.56	4.572	781
Fall09MCRC	13.29	3.521	781
Fall09PRF	148.92	36.284	781

Correlations

		OAKSRdgTot	Fall09Voc	Fall09MCRC	Fall09PRF
Pearson Correlation	OAKSRdgTot	1.000	.628	.653	.649
	Fall09Voc	.628	1.000	.476	.533
	Fall09MCRC	.653	.476	1.000	.517
	Fall09PRF	.649	.533	.517	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Fall09Voc	.000	.	.000	.000
	Fall09MCRC	.000	.000	.	.000
	Fall09PRF	.000	.000	.000	.
N	OAKSRdgTot	781	781	781	781
	Fall09Voc	781	781	781	781
	Fall09MCRC	781	781	781	781
	Fall09PRF	781	781	781	781

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.785[a]	.616	.615	5.586

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	38929.691	3	12976.564	415.923	.000[a]
	Residual	24241.937	777	31.199		
	Total	63171.629	780			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	201.881	.932		216.522	.000			
	Fall09Voc	.581	.054	.295	10.802	.000	.628	.361	.240
	Fall09MCRC	.902	.069	.353	13.053	.000	.653	.424	.290
	Fall09PRF	.077	.007	.309	11.012	.000	.649	.367	.245

Individual Winter Models

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	231.76	19.925	2286
Wint10PRF	172.09	45.707	2286

Correlations

		OAKSRdgTot	Wint10PRF
Pearson Correlation	OAKSRdgTot	1.000	.372
	Wint10PRF	.372	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10PRF	.000	.
N	OAKSRdgTot	2286	2286
	Wint10PRF	2286	2286

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.372[a]	.138	.138	18.500

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	125471.815	1	125471.815	366.600	.000[a]
	Residual	781718.098	2284	342.258		
	Total	907189.913	2285			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	203.865	1.508		135.224	.000
	Wint10PRF	.162	.008	.372	19.147	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	231.84	21.365	2050
Wint10MCRC	14.54	3.271	2050

Correlations

		OAKSRdgTot	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.299
	Wint10MCRC	.299	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Wint10MCRC	.000	.
N	OAKSRdgTot	2050	2050
	Wint10MCRC	2050	2050

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.299[a]	.089	.089	20.393

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	83526.732	1	83526.732	200.837	.000[a]
	Residual	851748.744	2048	415.893		
	Total	935275.476	2049			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	203.472	2.052		99.163	.000
	Wint10MCRC	1.952	.138	.299	14.172	.000

Full Seasonal Winter Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	232.32	18.961	1989
Wint10PRF	174.47	45.121	1989
Wint10MCRC	14.58	3.235	1989

Correlations

		OAKSRdgTot	Wint10PRF	Wint10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.353	.308
	Wint10PRF	.353	1.000	.506
	Wint10MCRC	.308	.506	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000
	Wint10PRF	.000	.	.000
	Wint10MCRC	.000	.000	.
N	OAKSRdgTot	1989	1989	1989
	Wint10PRF	1989	1989	1989
	Wint10MCRC	1989	1989	1989

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.383[a]	.147	.146	17.522

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	105036.025	2	52518.012	171.065	.000[a]
	Residual	609715.107	1986	307.007		
	Total	714751.132	1988			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	198.054	1.952		101.454	.000			
	Wint10PRF	.111	.010	.265	11.013	.000	.353	.240	.228
	Wint10MCRC	1.020	.141	.174	7.243	.000	.308	.160	.150

Individual Spring Models

Voc

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	234.54	15.523	1802
Spr10Voc	15.96	4.911	1802

Correlations

		OAKSRdgTot	Spr10Voc
Pearson Correlation	OAKSRdgTot	1.000	.453
	Spr10Voc	.453	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10Voc	.000	.
N	OAKSRdgTot	1802	1802
	Spr10Voc	1802	1802

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.453[a]	.206	.205	13.839

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	89218.983	1	89218.983	465.829	.000[a]
	Residual	344748.951	1800	191.527		
	Total	433967.934	1801			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	211.663	1.109		190.886	.000
	Spr10Voc	1.433	.066	.453	21.583	.000

MCRC

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	233.04	20.192	3250
Spr10MCRC	12.54	2.911	3250

Correlations

		OAKSRdgTot	Spr10MCRC
Pearson Correlation	OAKSRdgTot	1.000	.335
	Spr10MCRC	.335	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10MCRC	.000	.
N	OAKSRdgTot	3250	3250
	Spr10MCRC	3250	3250

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.335[a]	.112	.112	19.028

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	148631.761	1	148631.761	410.495	.000[a]
	Residual	1176033.354	3248	362.079		
	Total	1324665.115	3249			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	203.902	1.476		138.117	.000
	Spr10MCRC	2.324	.115	.335	20.261	.000

PRF

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	230.36	25.069	2399
Spr10PRF	160.41	42.811	2399

Correlations

		OAKSRdgTot	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.321
	Spr10PRF	.321	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000
	Spr10PRF	.000	.
N	OAKSRdgTot	2399	2399
	Spr10PRF	2399	2399

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.321[a]	.103	.103	23.745

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	155622.102	1	155622.102	276.018	.000[a]
	Residual	1351453.563	2397	563.810		
	Total	1507075.666	2398			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	200.177	1.880		106.455	.000
	Spr10PRF	.188	.011	.321	16.614	.000

Full Seasonal Spring Model

Descriptive Statistics

	Mean	Std. Deviation	N
OAKSRdgTot	231.68	18.588	826
Spr10Voc	14.36	5.070	826
Spr10MCRC	12.02	2.927	826
Spr10PRF	156.97	41.642	826

Correlations

		OAKSRdgTot	Spr10Voc	Spr10MCRC	Spr10PRF
Pearson Correlation	OAKSRdgTot	1.000	.335	.356	.386
	Spr10Voc	.335	1.000	.360	.374
	Spr10MCRC	.356	.360	1.000	.495
	Spr10PRF	.386	.374	.495	1.000
Sig. (1-tailed)	OAKSRdgTot	.	.000	.000	.000
	Spr10Voc	.000	.	.000	.000
	Spr10MCRC	.000	.000	.	.000
	Spr10PRF	.000	.000	.000	.
N	OAKSRdgTot	826	826	826	826
	Spr10Voc	826	826	826	826
	Spr10MCRC	826	826	826	826
	Spr10PRF	826	826	826	826

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.462[a]	.213	.211	16.515

ANOVA[b]

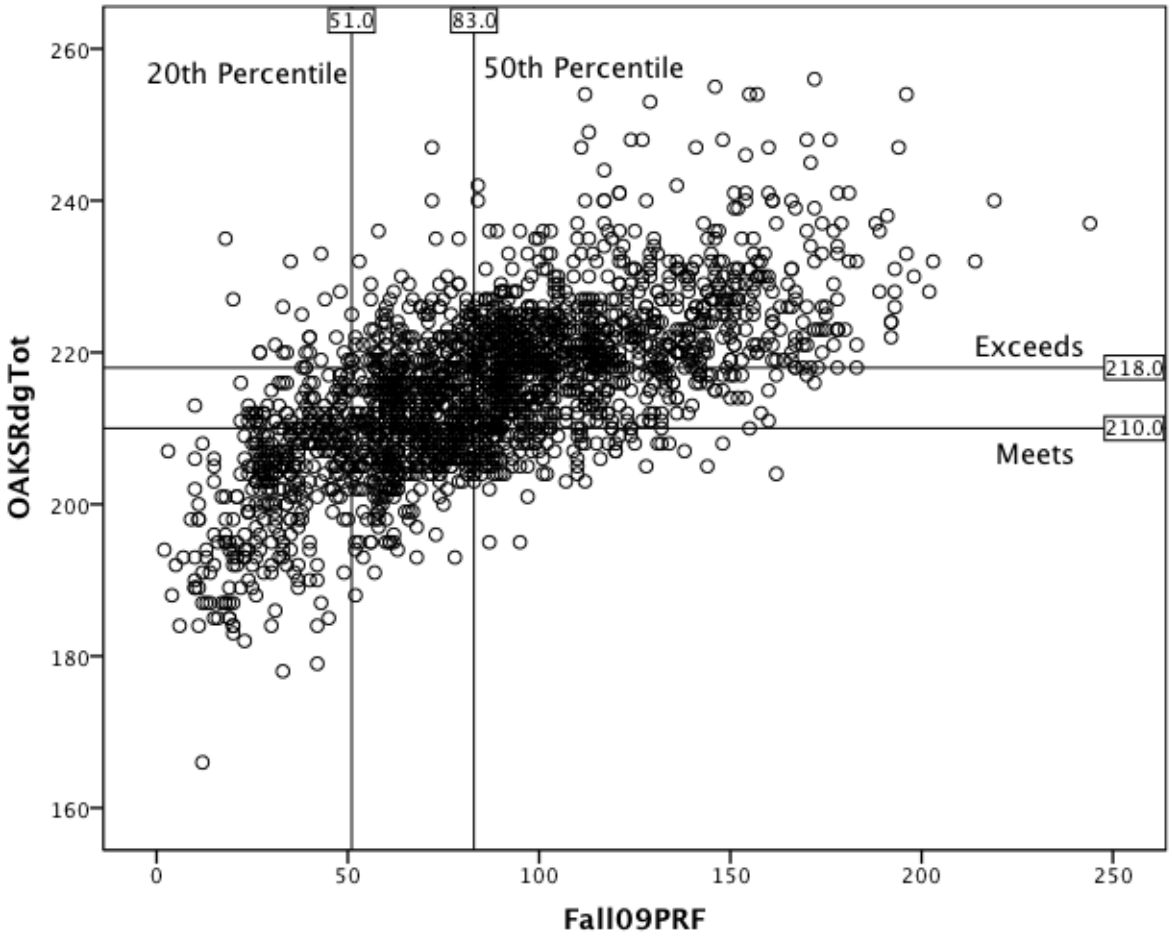
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	60852.685	3	20284.228	74.367	.000[a]
	Residual	224207.297	822	272.758		
	Total	285059.982	825			

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Correlations		
		B	Std. Error	Beta	t	Sig.	Zero-order	Partial	Part
1	(Constant)	192.378	2.750		69.963	.000			
	Spr10Voc	.680	.125	.186	5.430	.000	.335	.186	.168
	Spr10MCRC	1.117	.232	.176	4.824	.000	.356	.166	.149
	Spr10PRF	.103	.016	.230	6.264	.000	.386	.213	.194

Grade 3

Fall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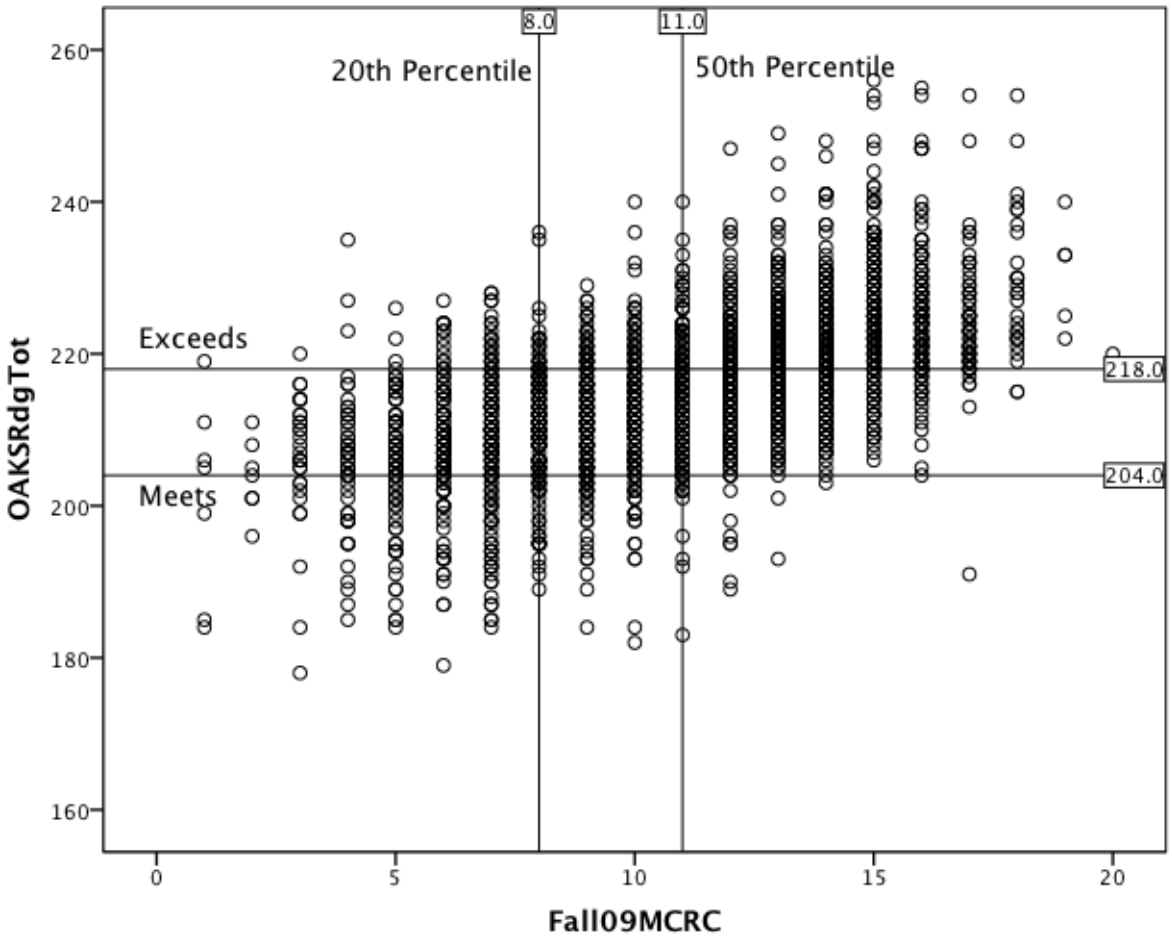
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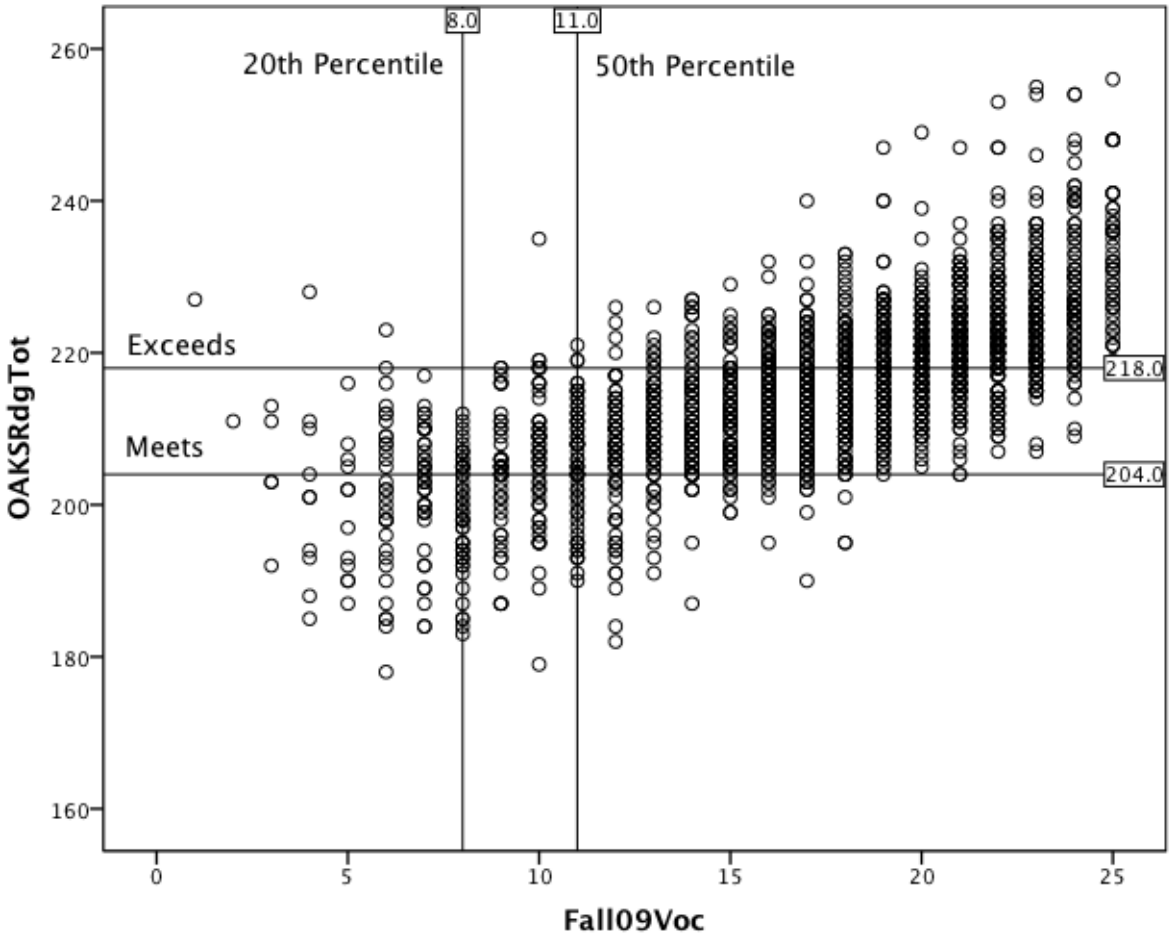
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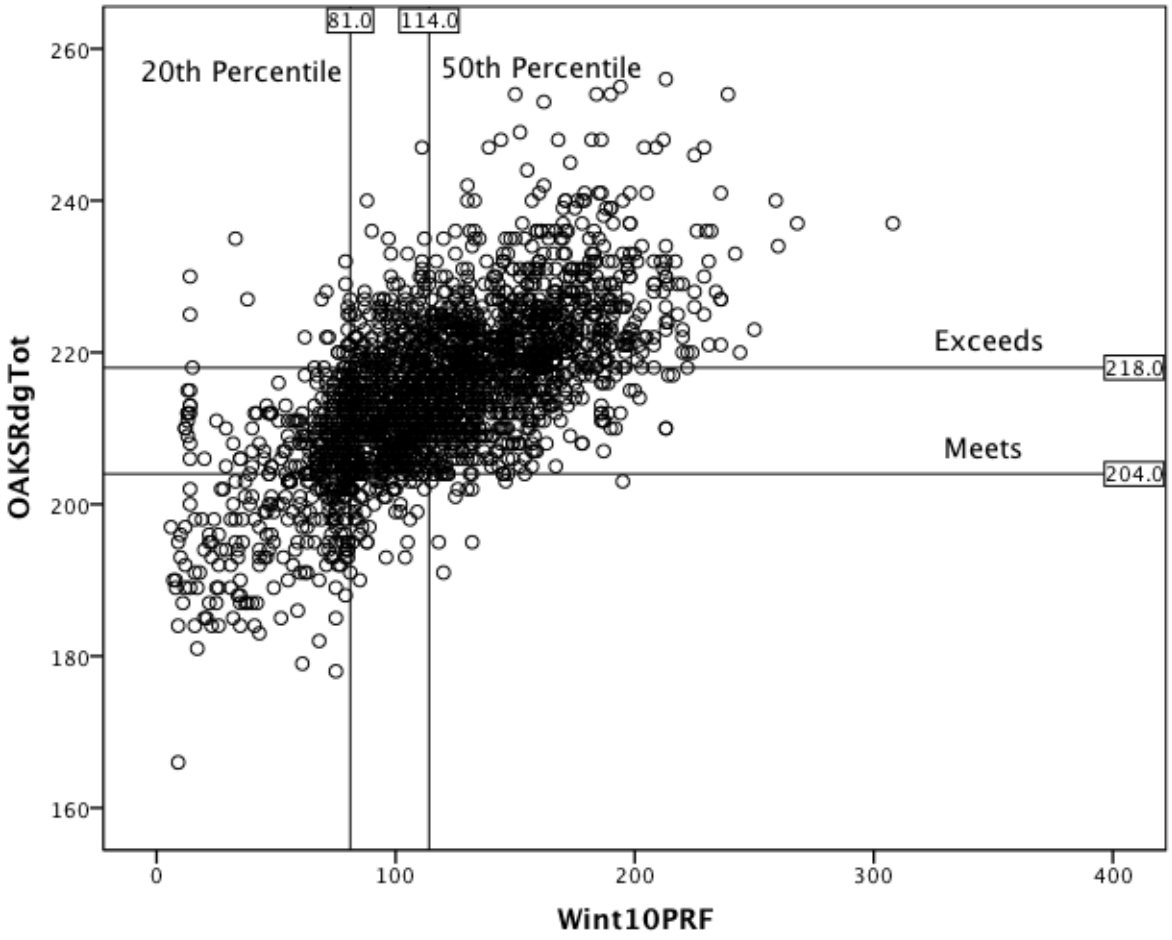
Winter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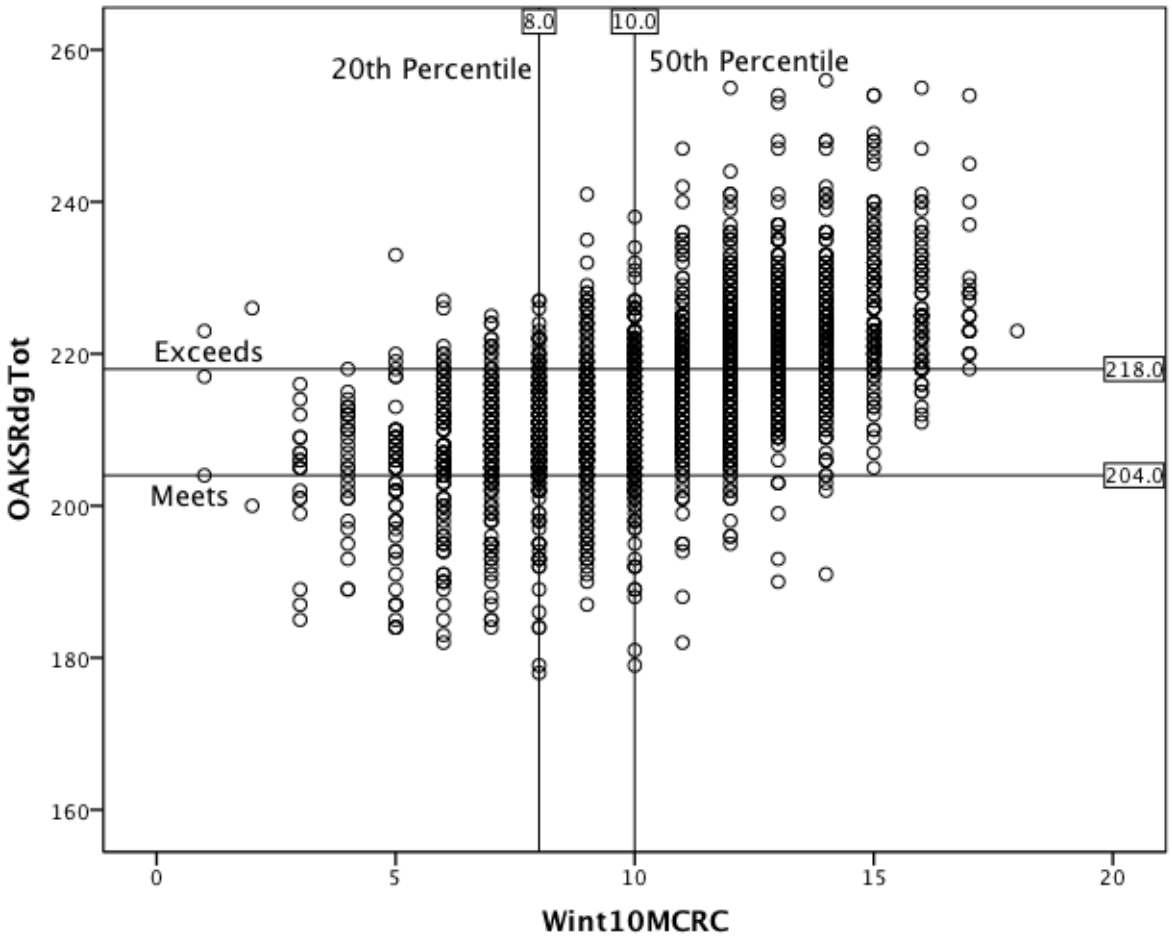
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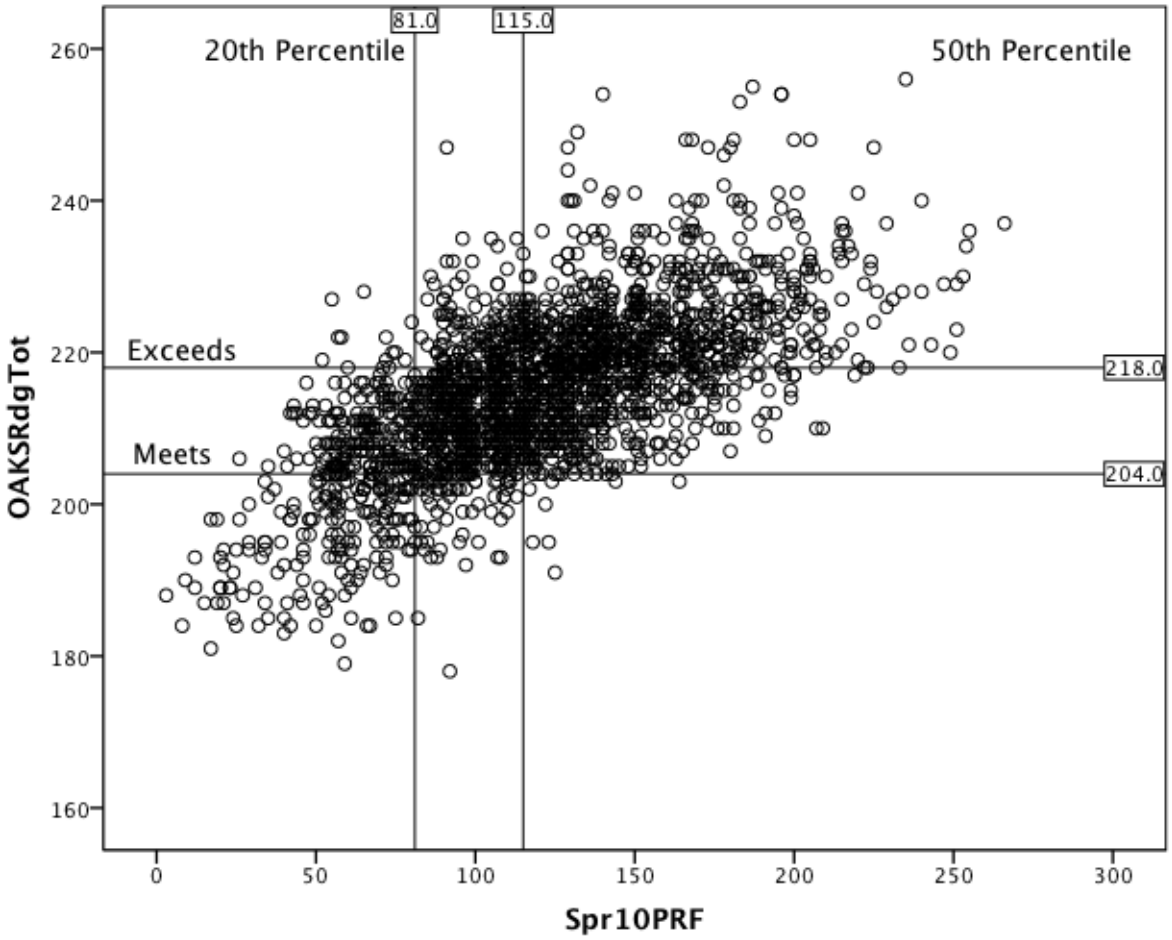
Spring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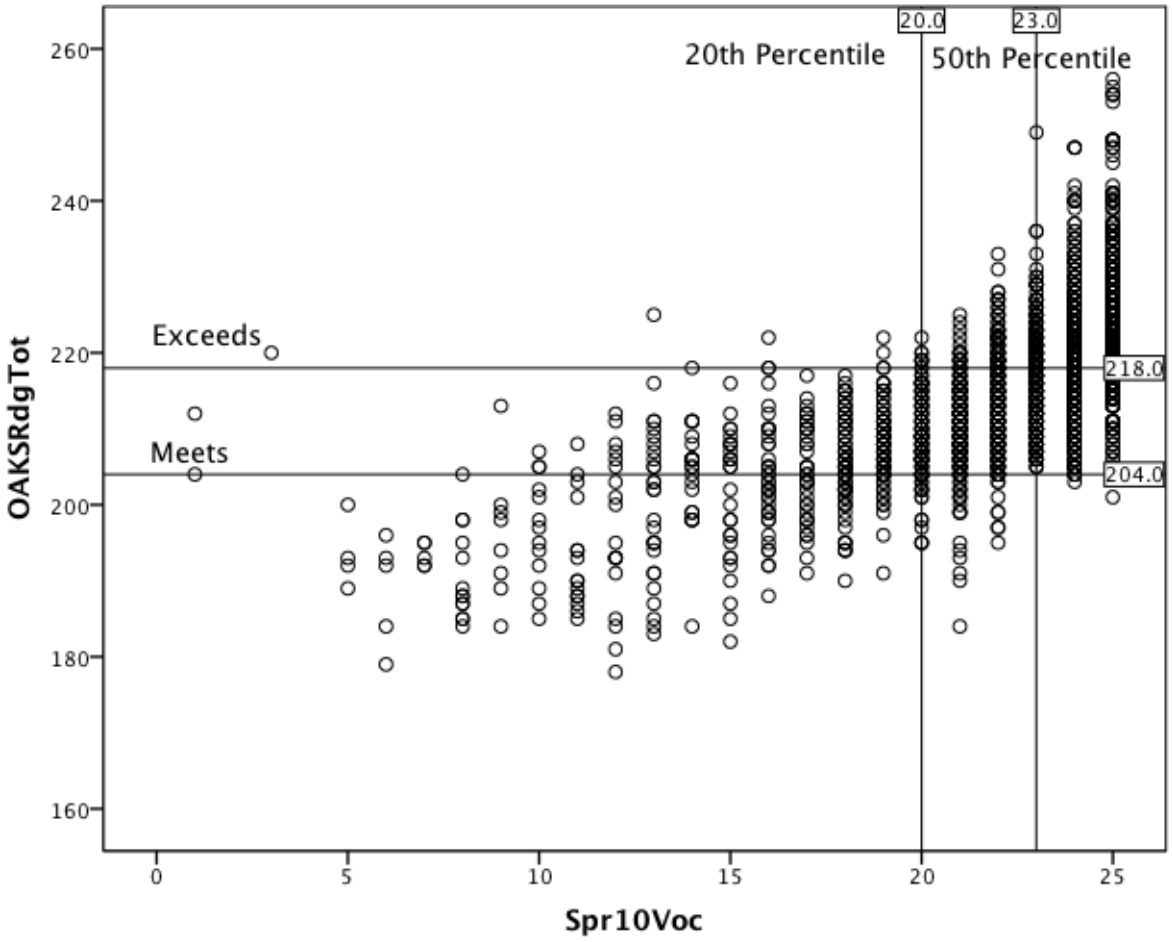
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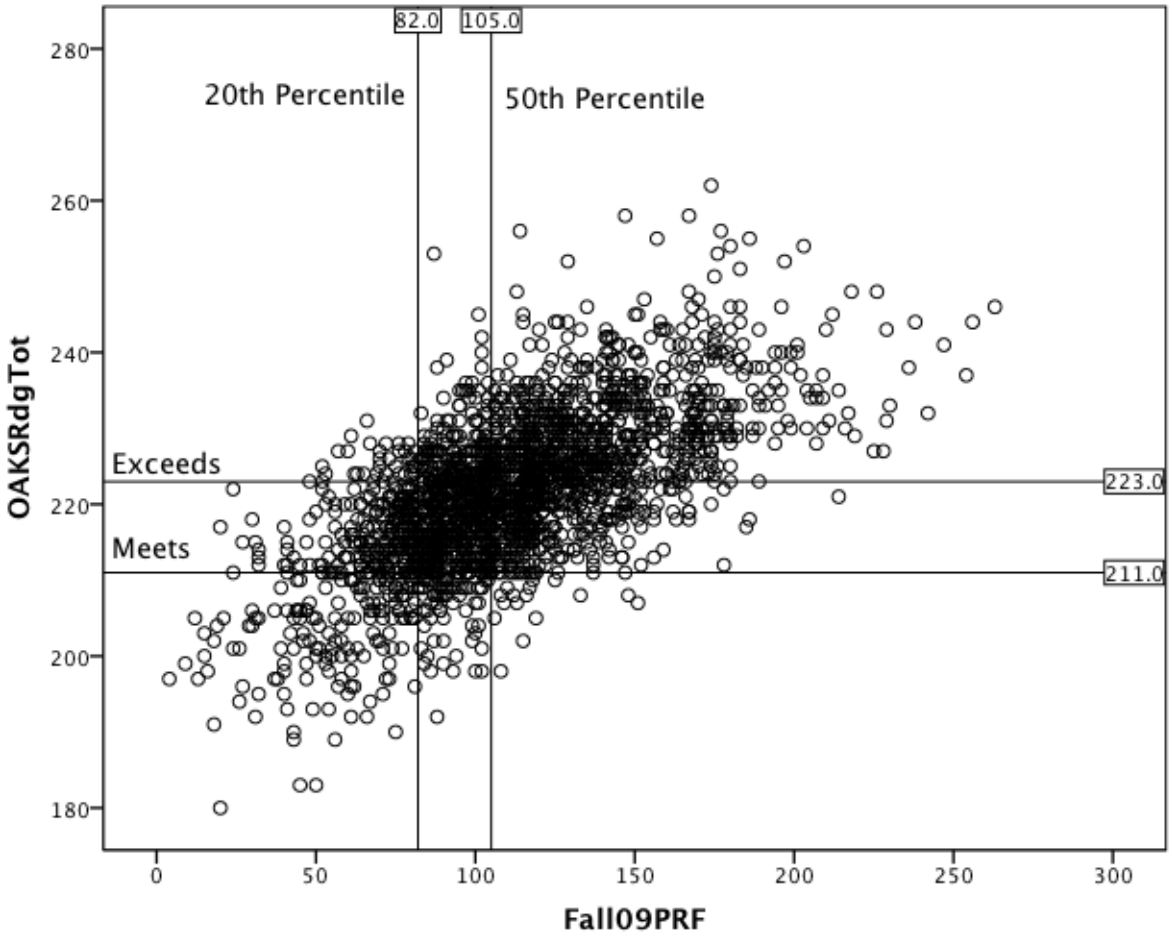
Grade 4

Fall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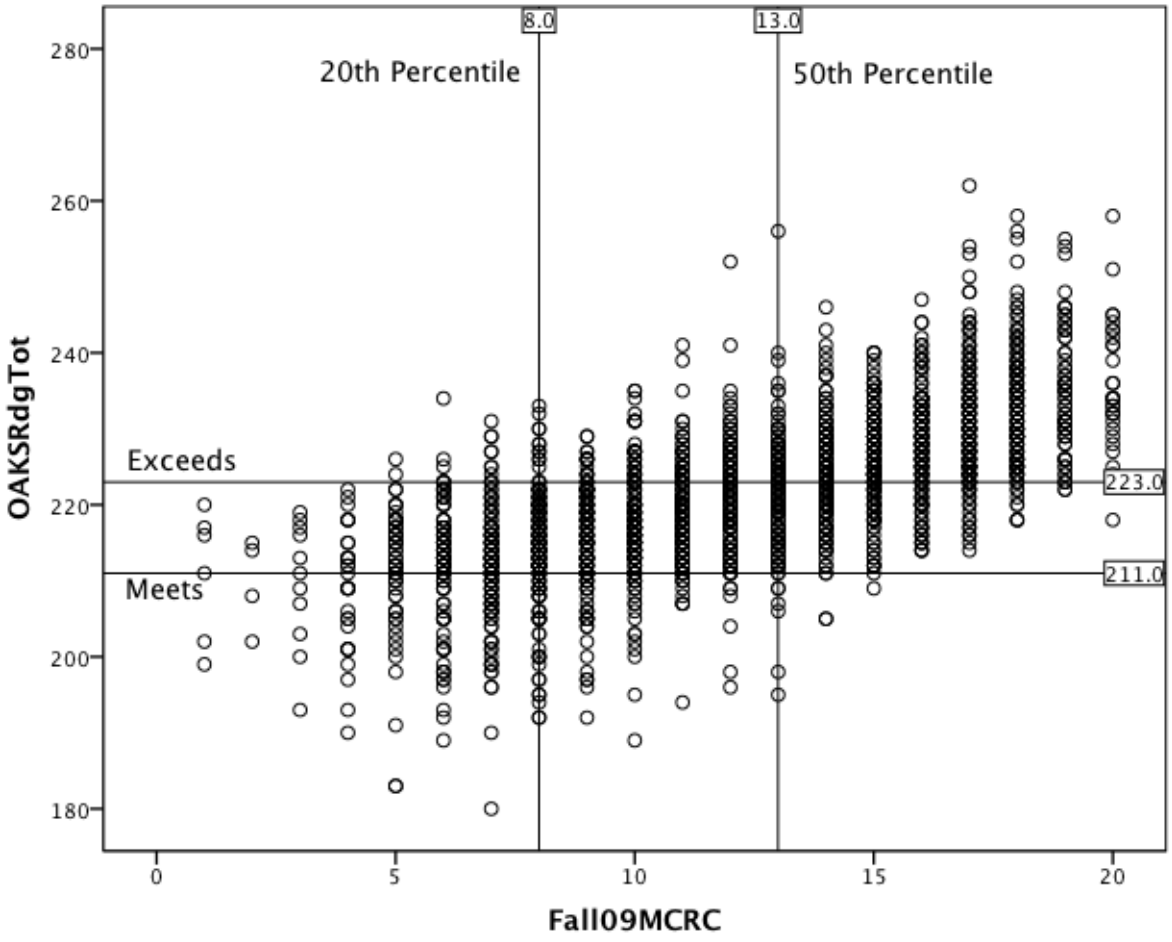
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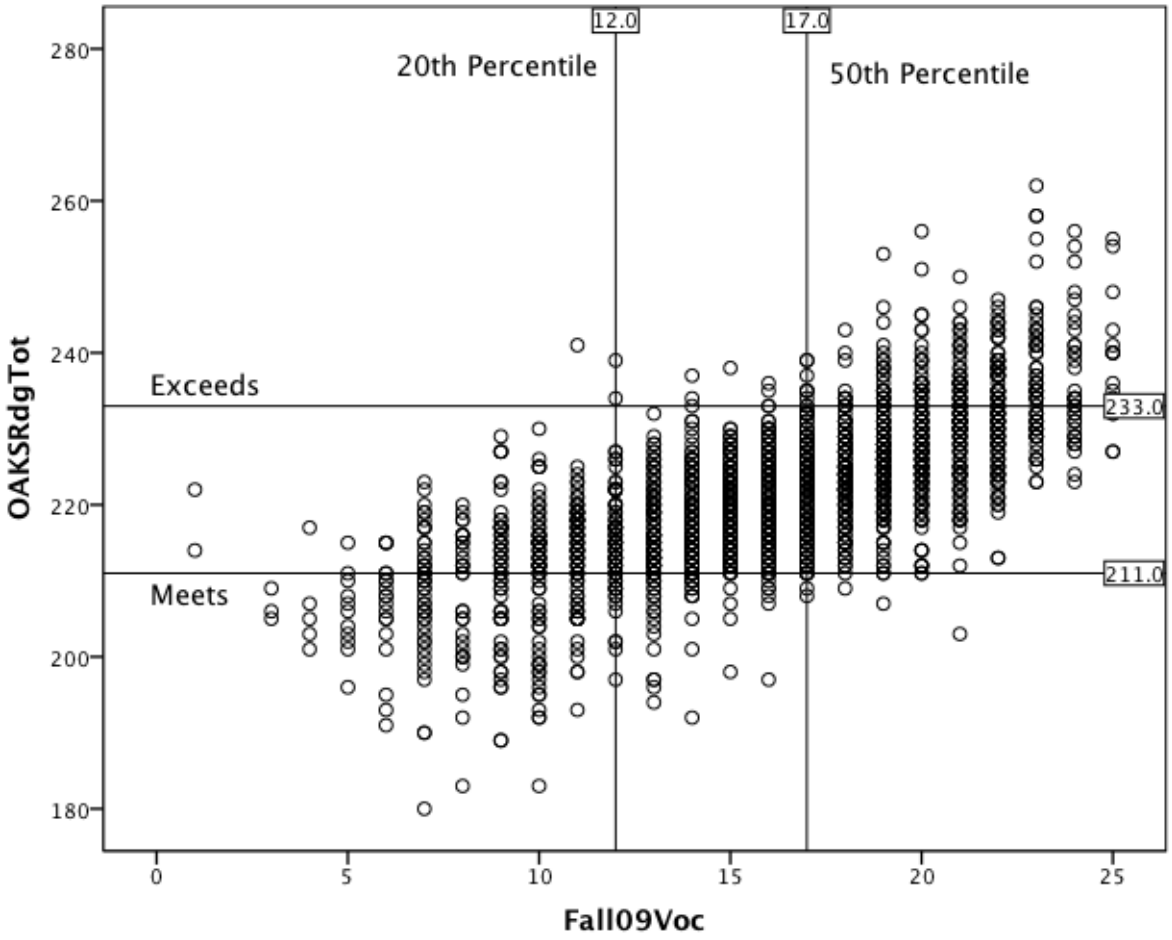
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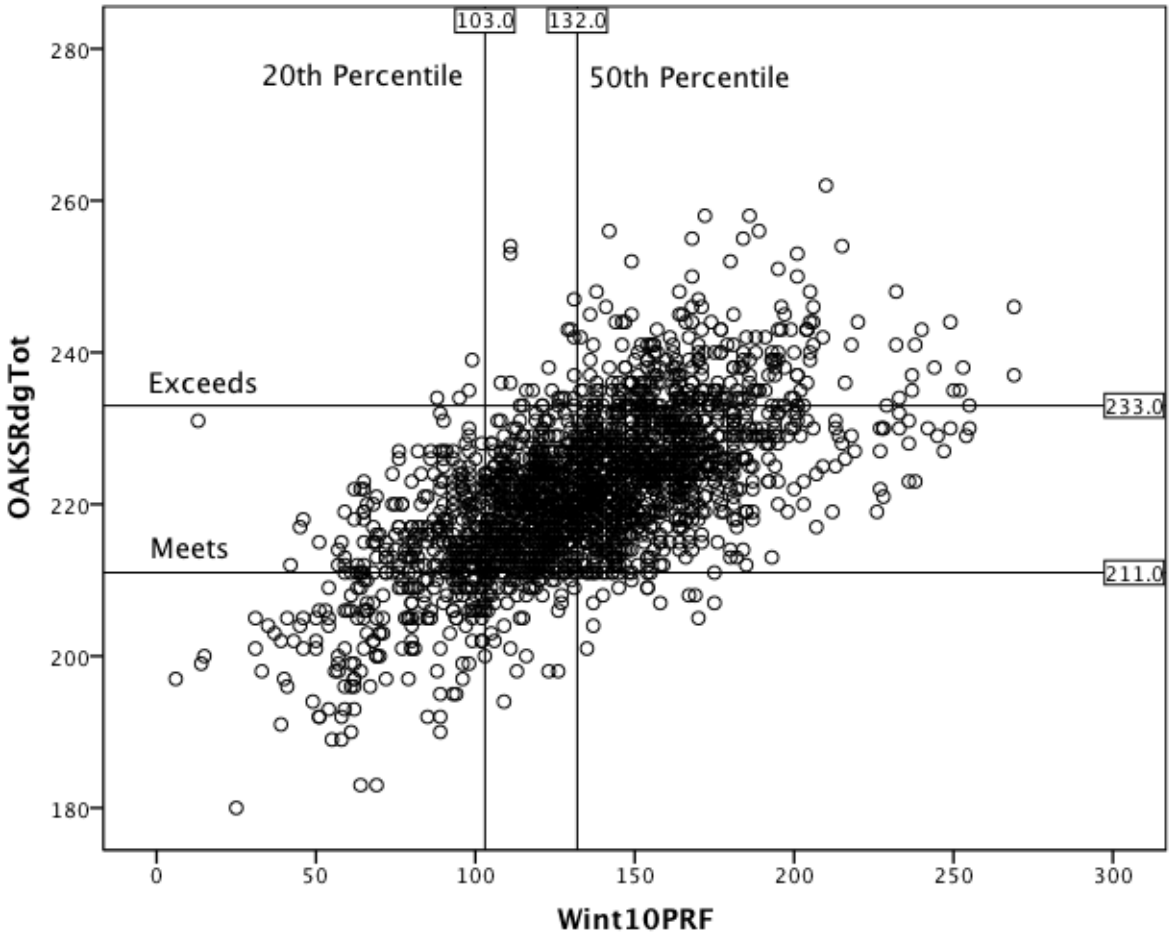
Winter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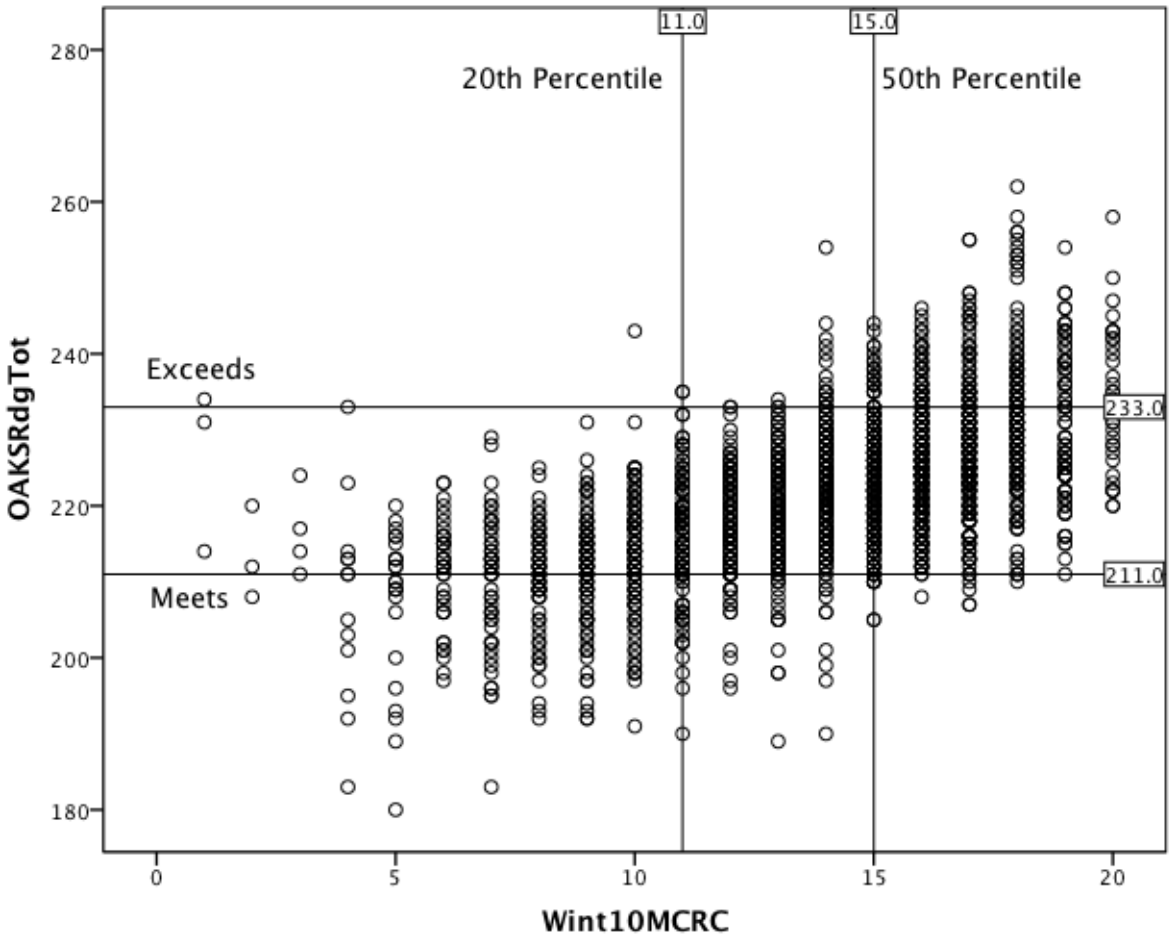
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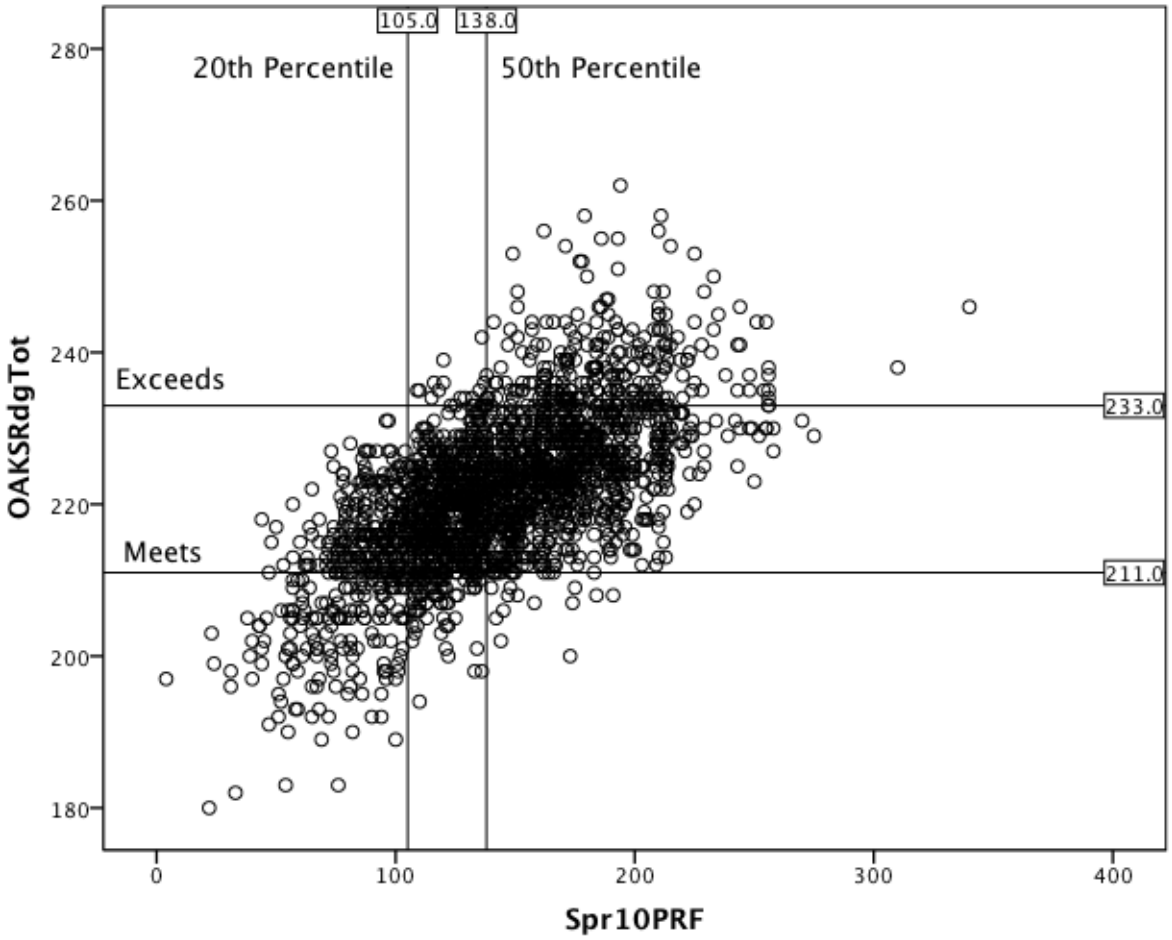
Wint10MCRC

Spring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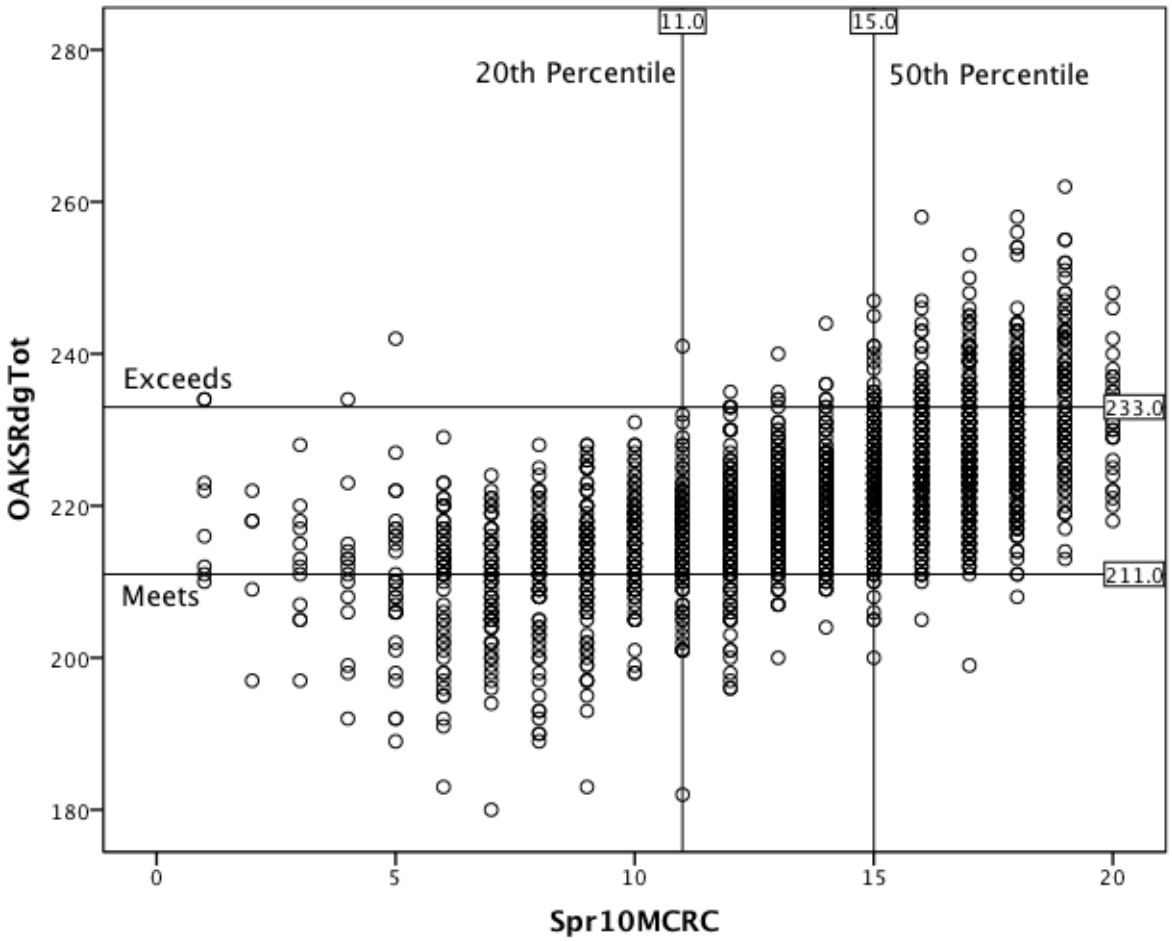
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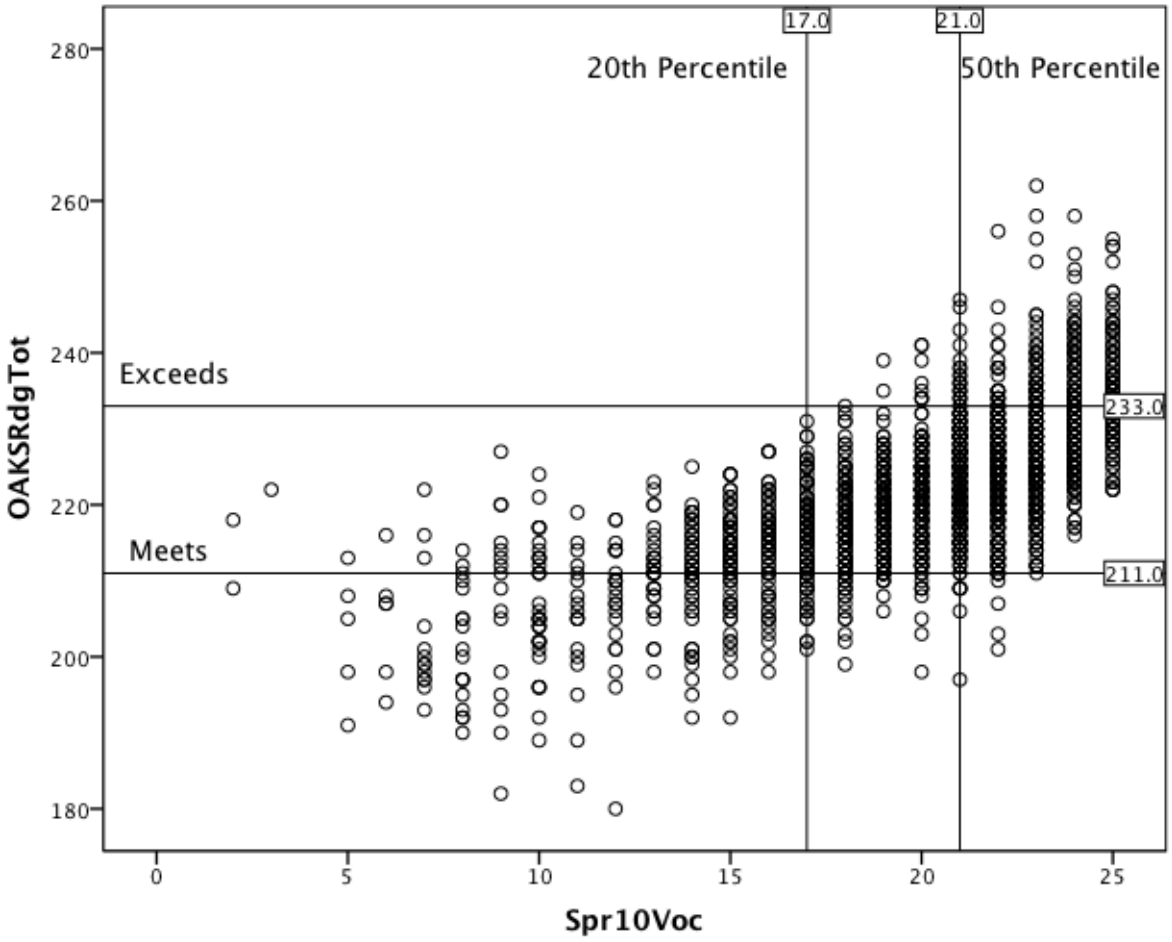
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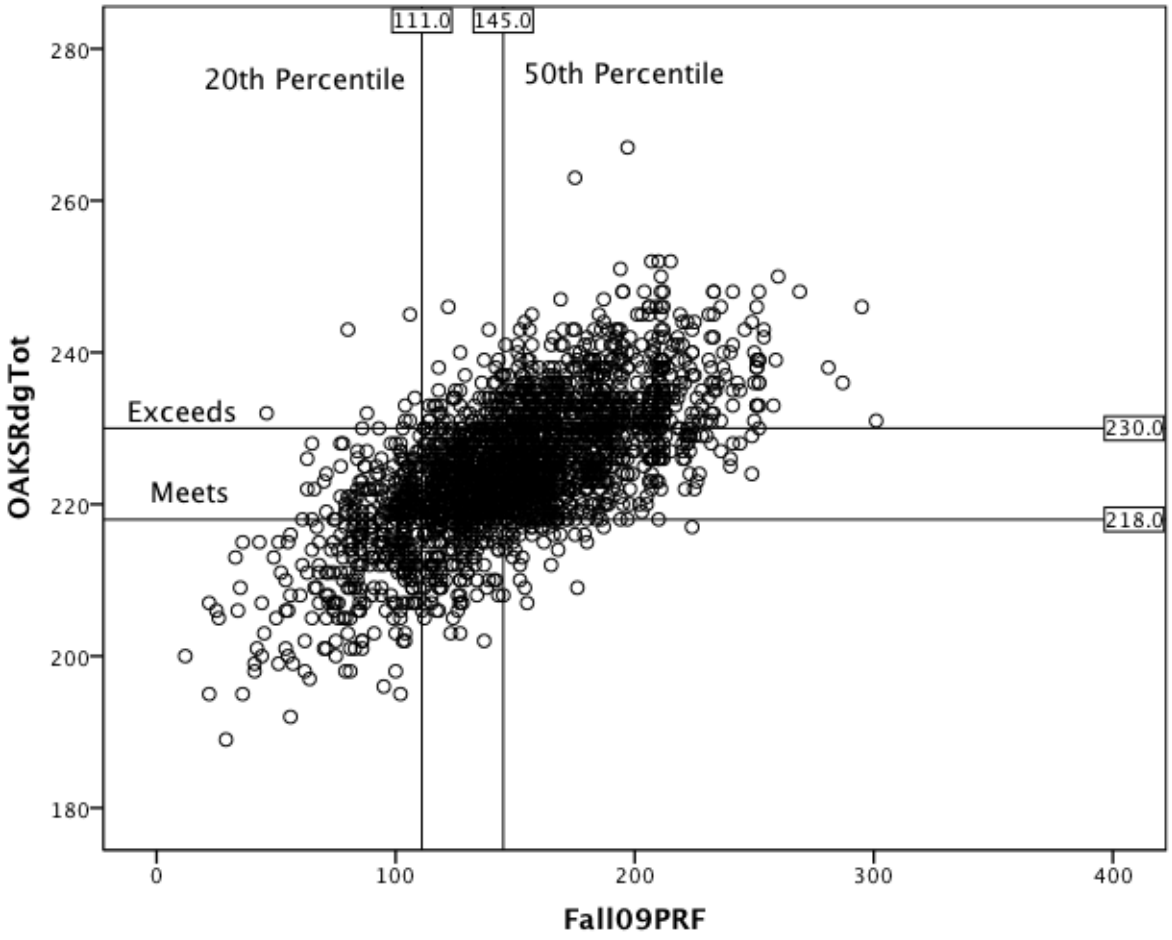
Grade 5

Fall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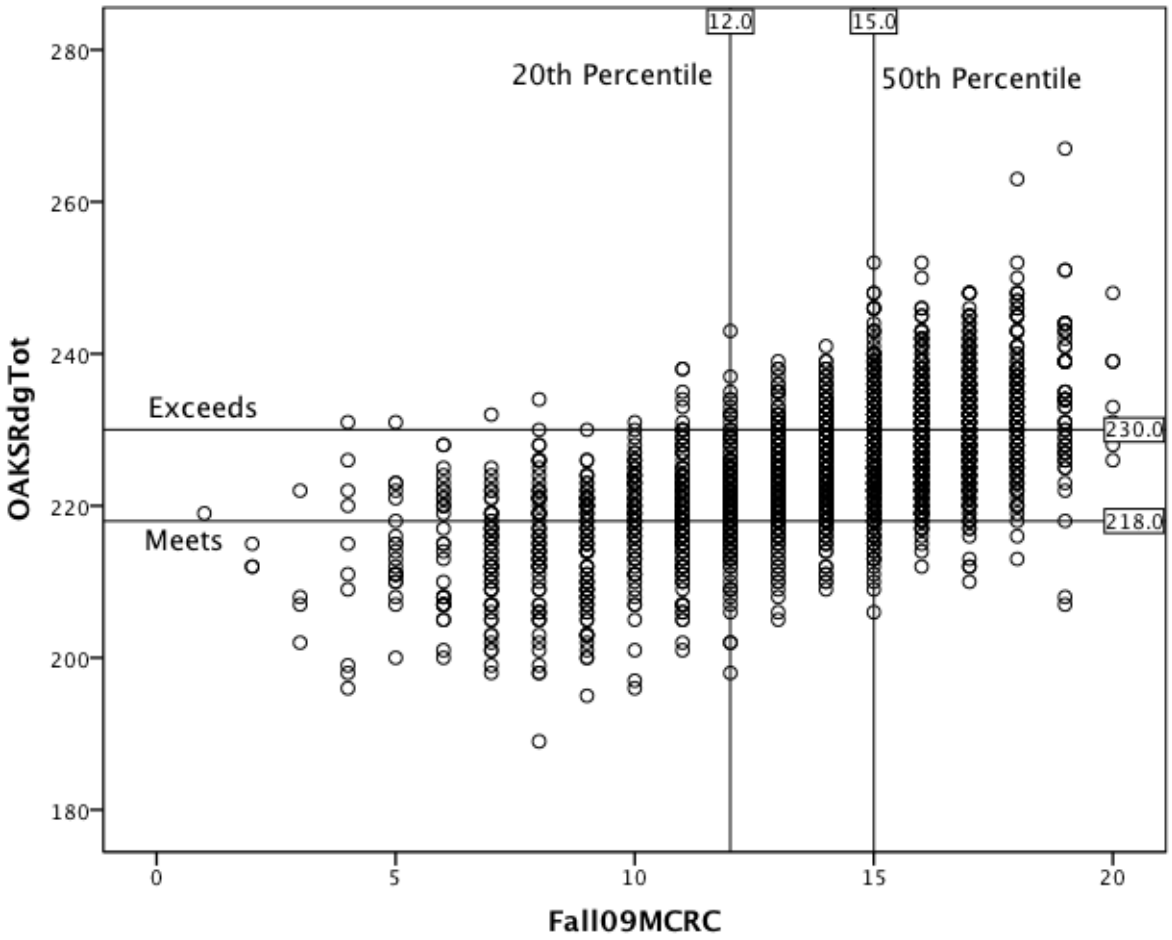
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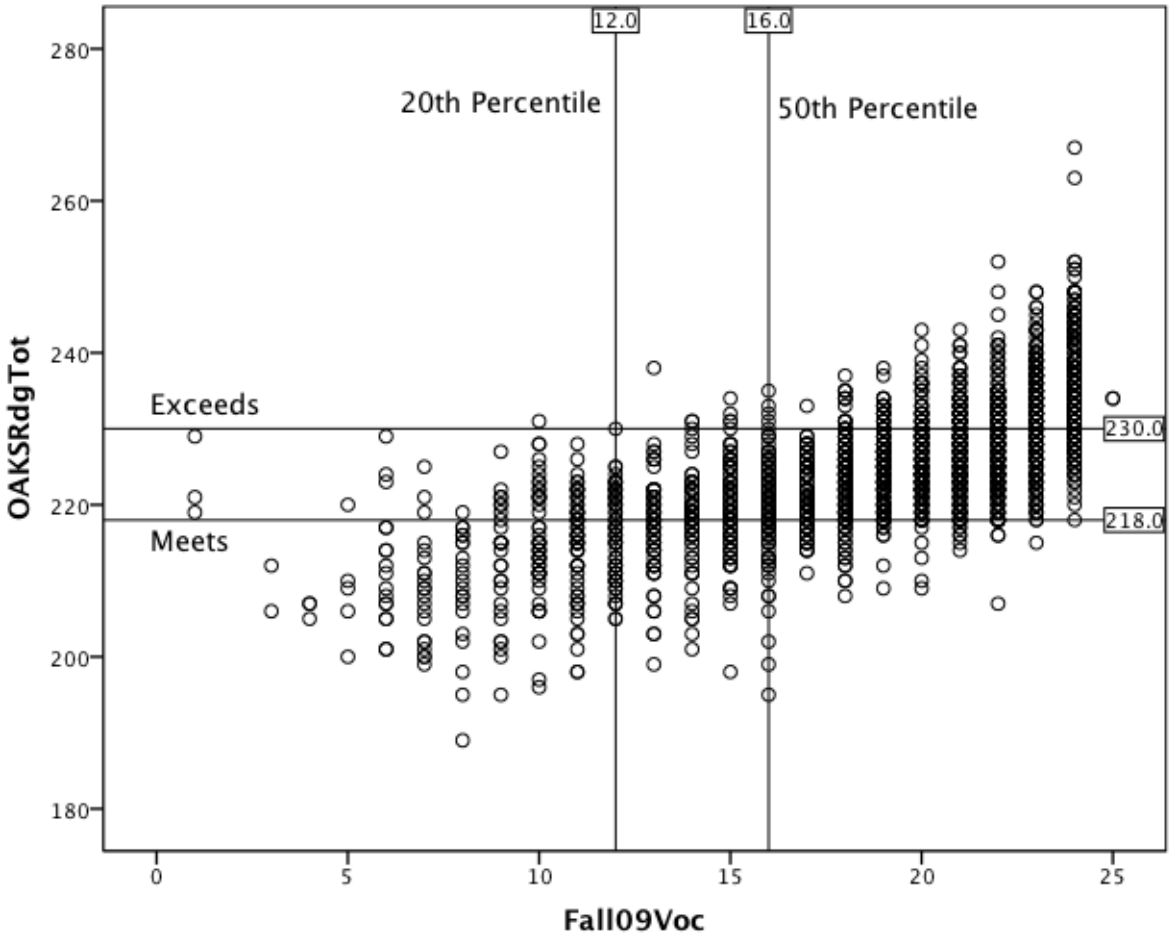
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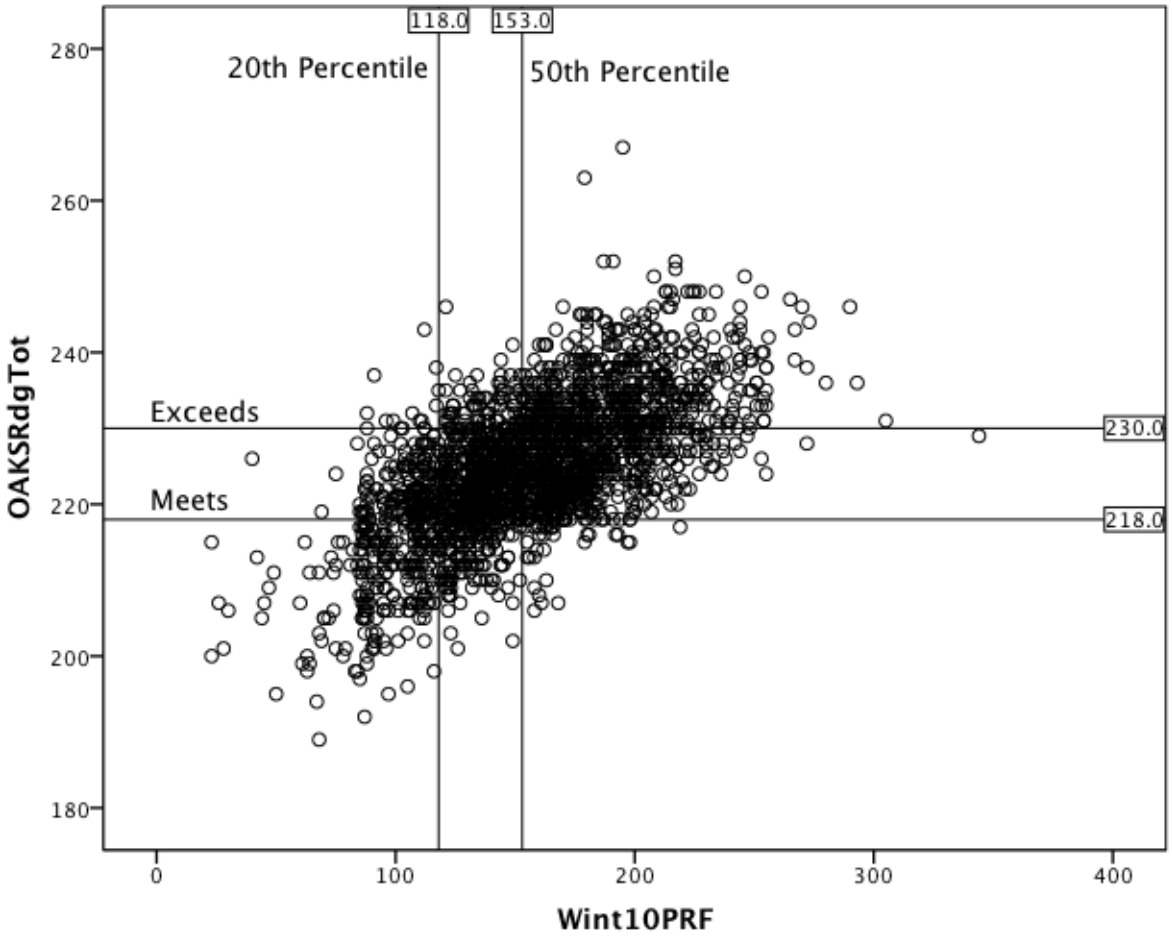
Winter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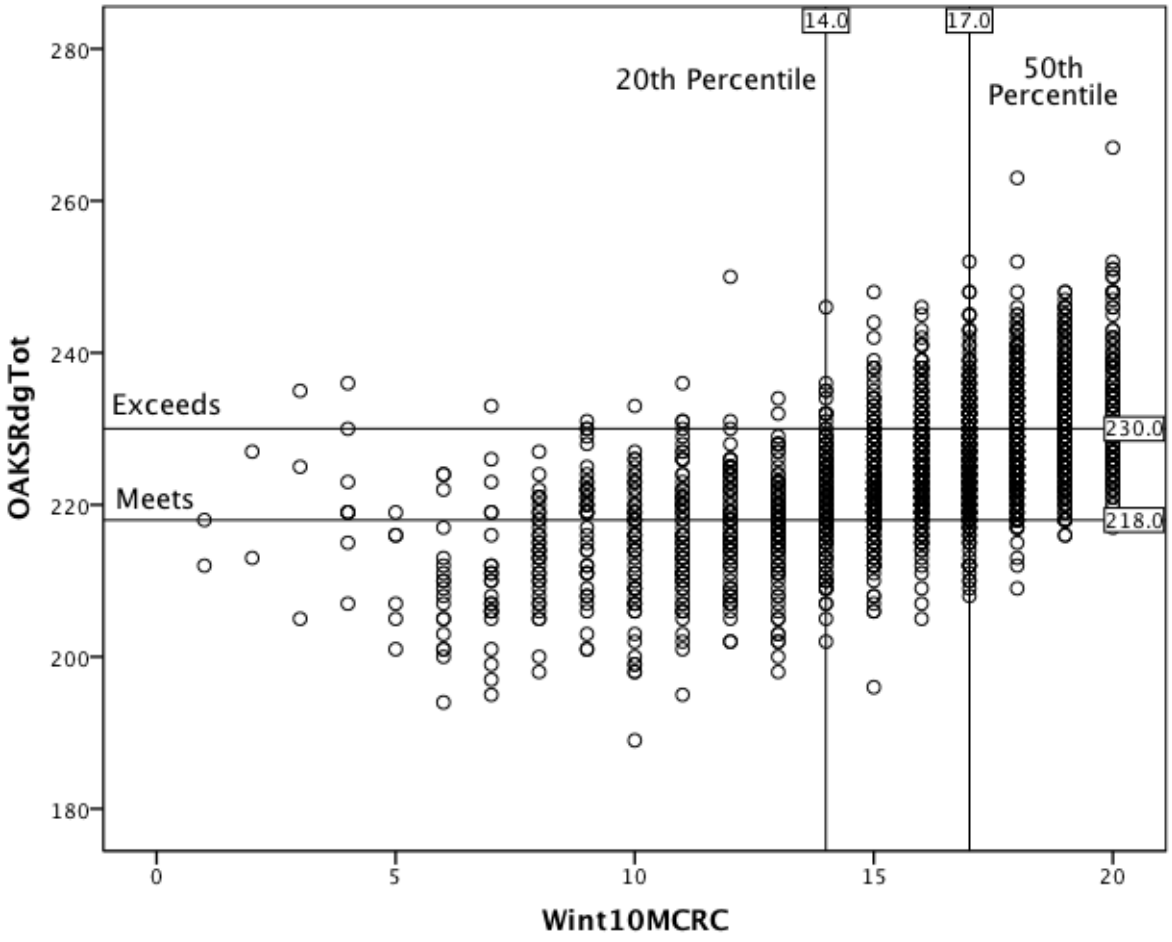
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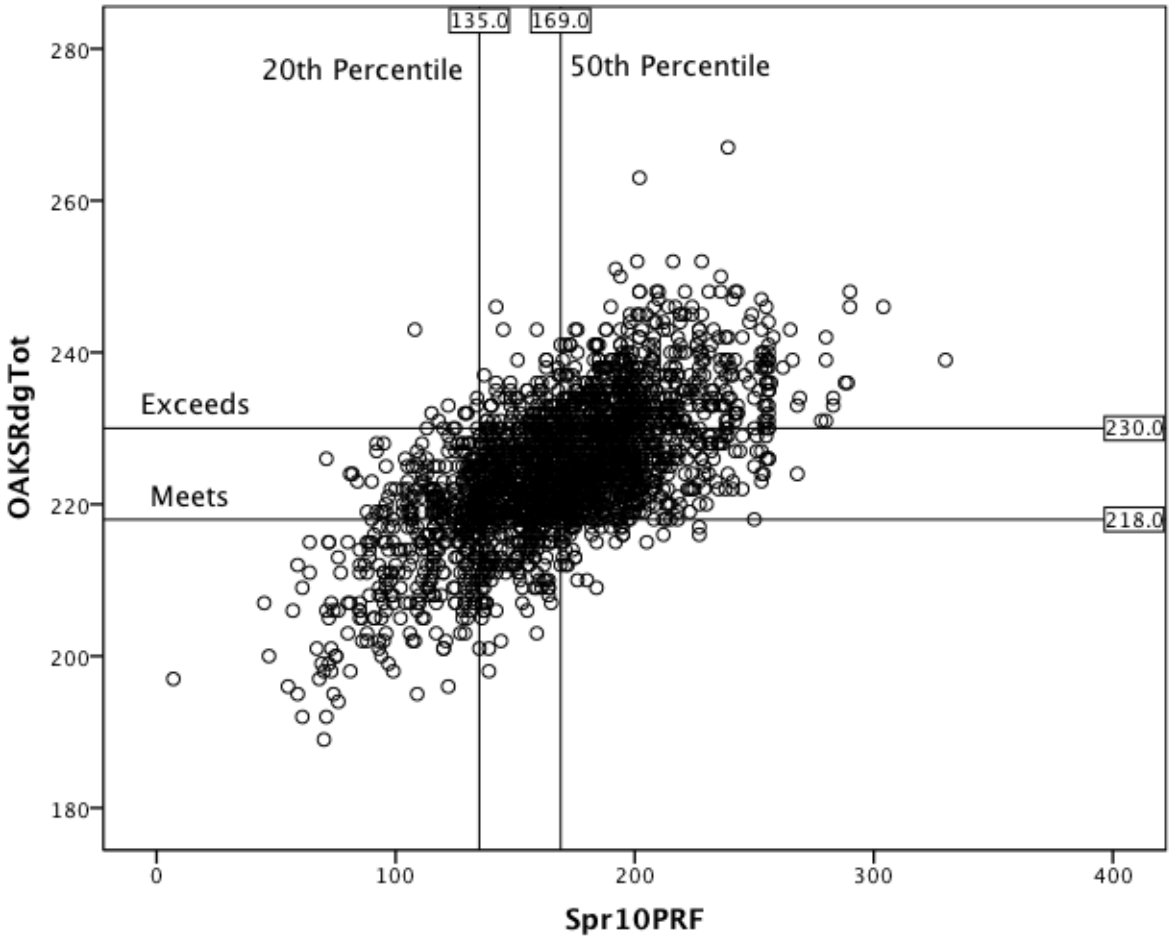
Spring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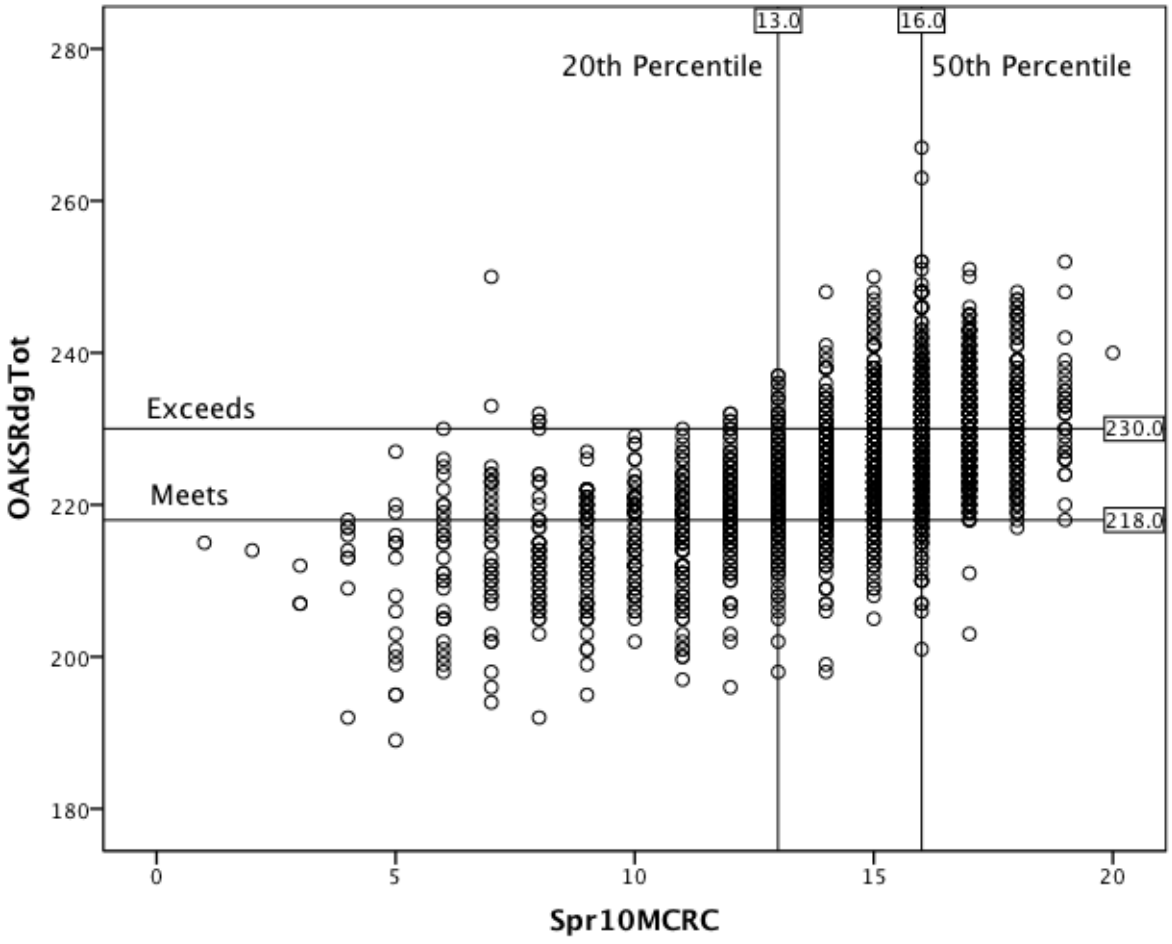
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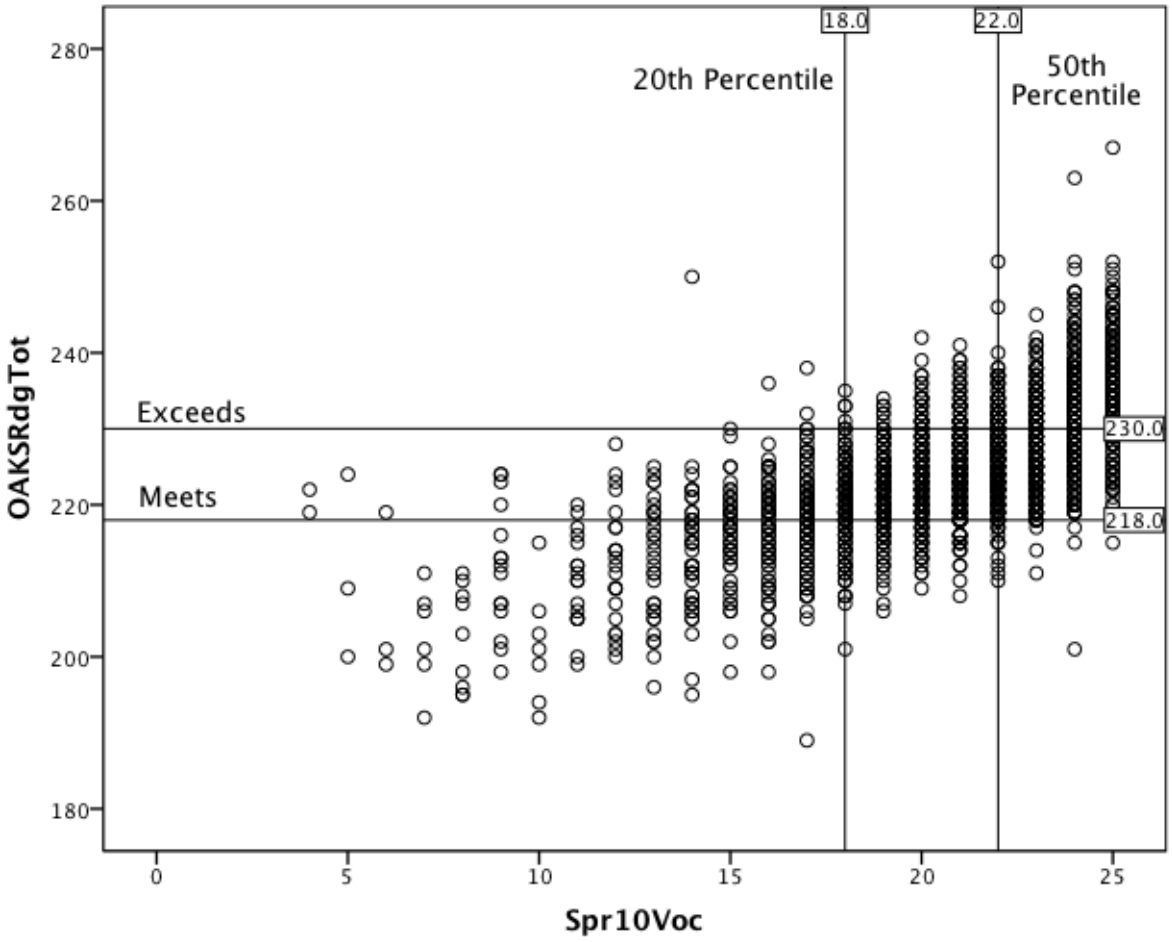
Spr10MCRC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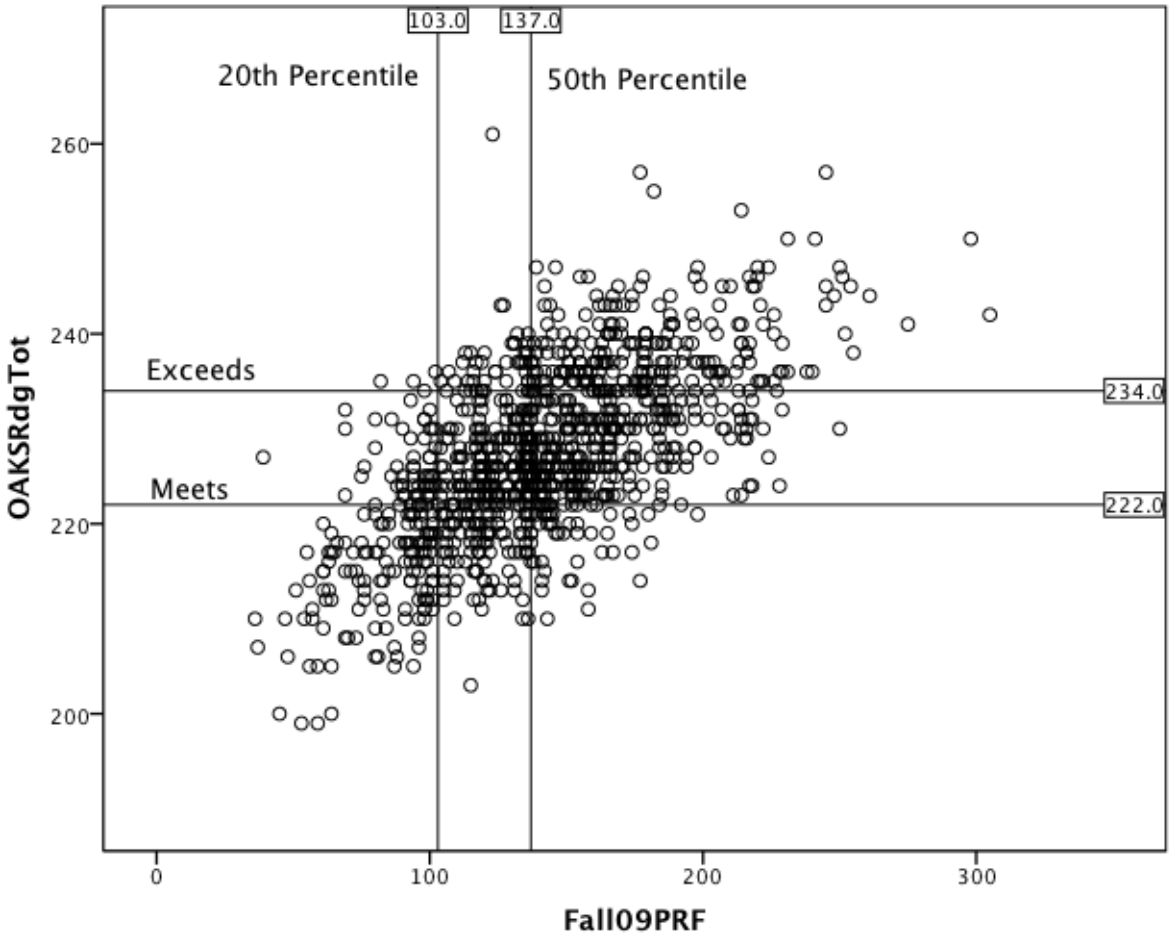
Grade 6

Fall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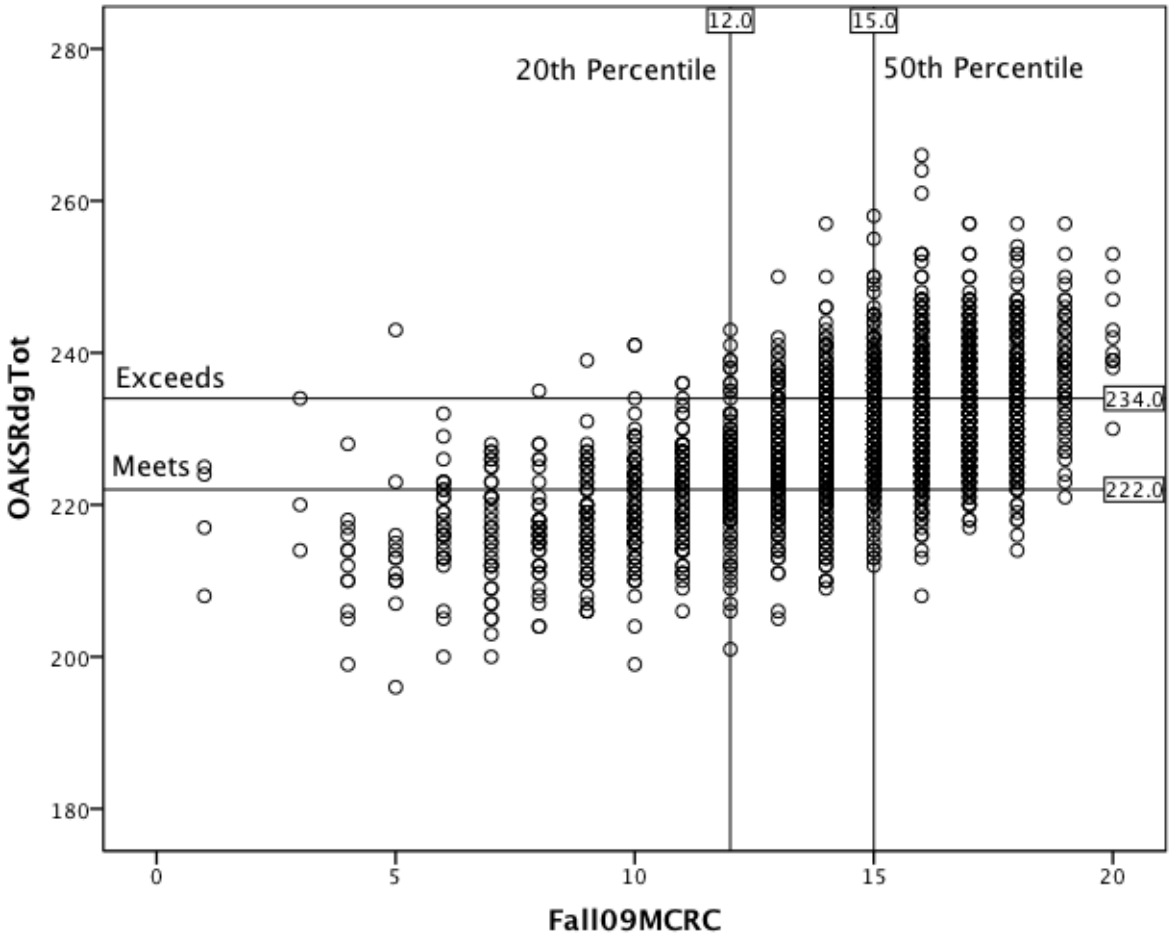
Fall09PRF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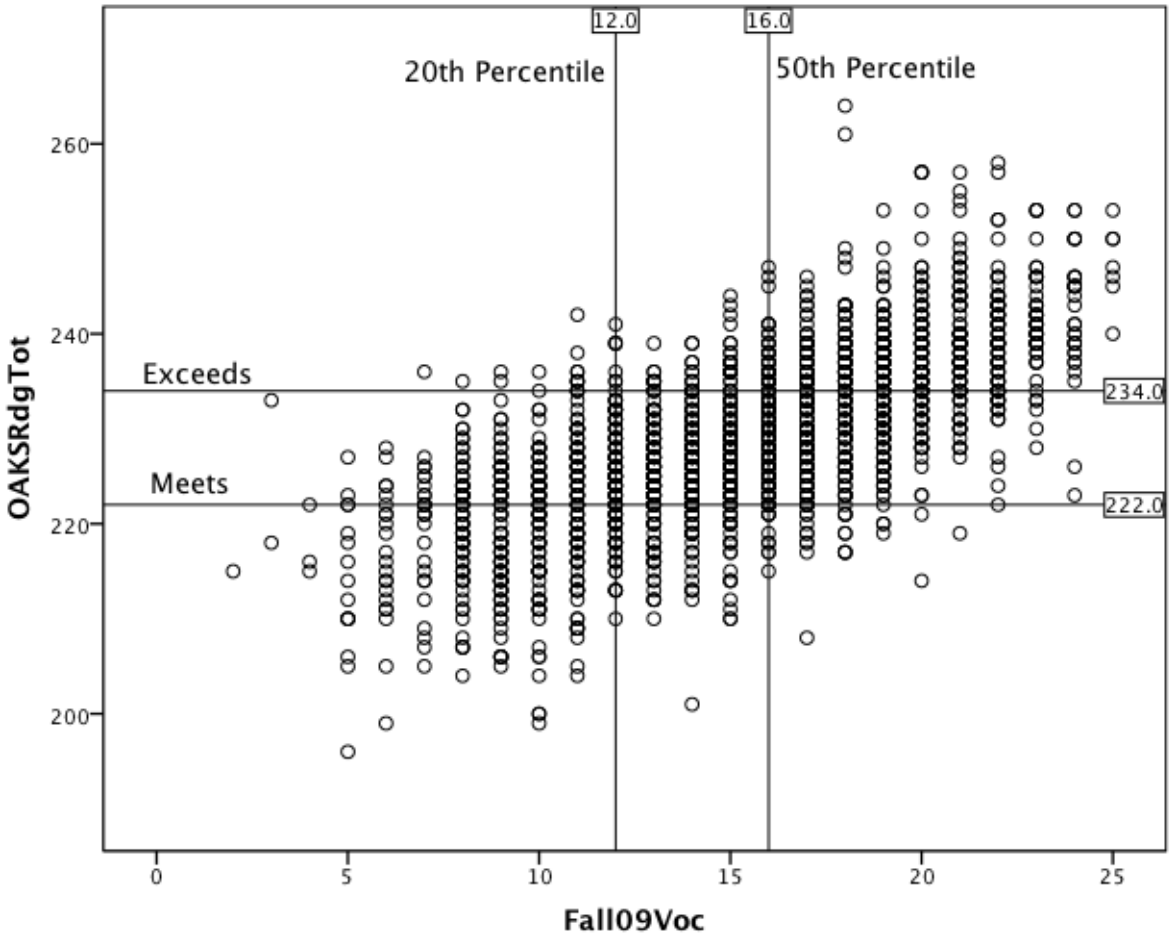
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Meets
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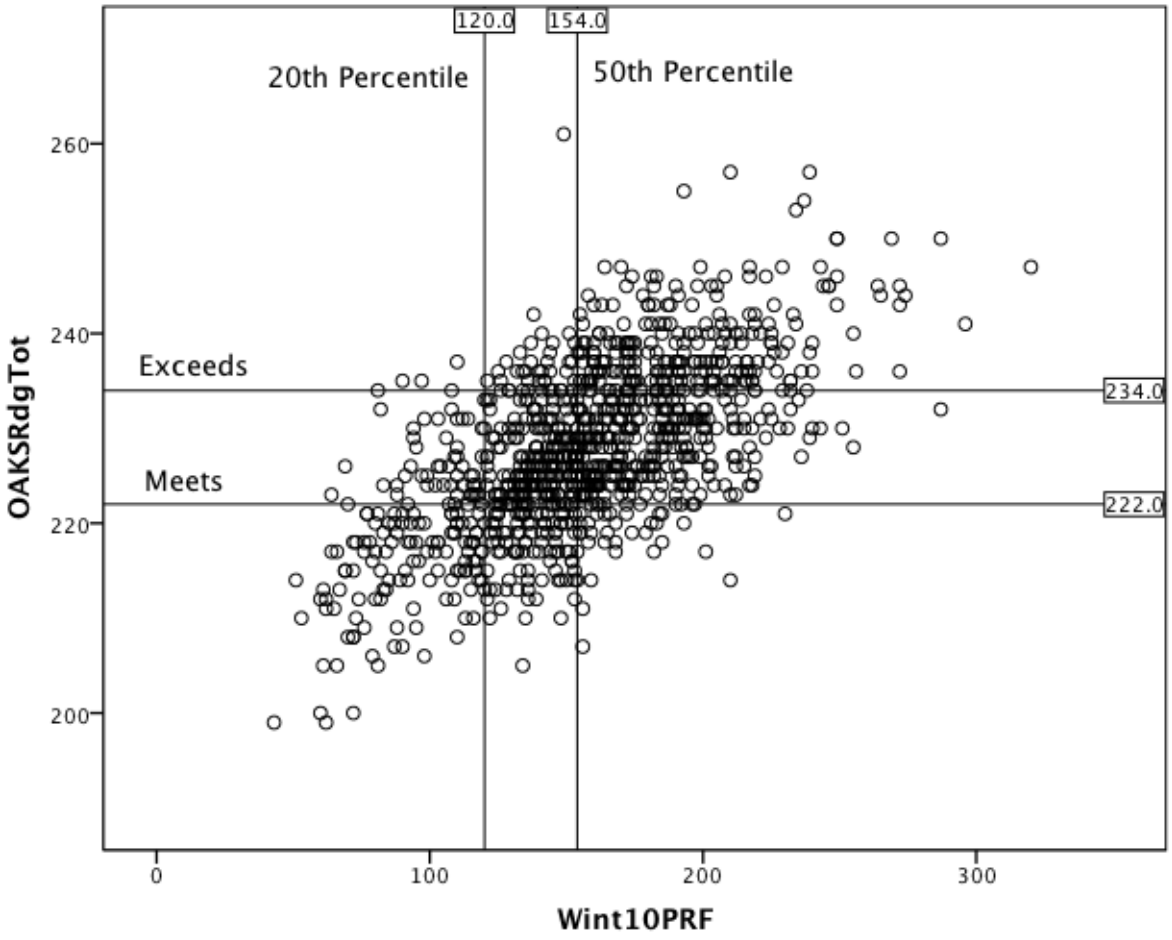
Fall09Voc

Winter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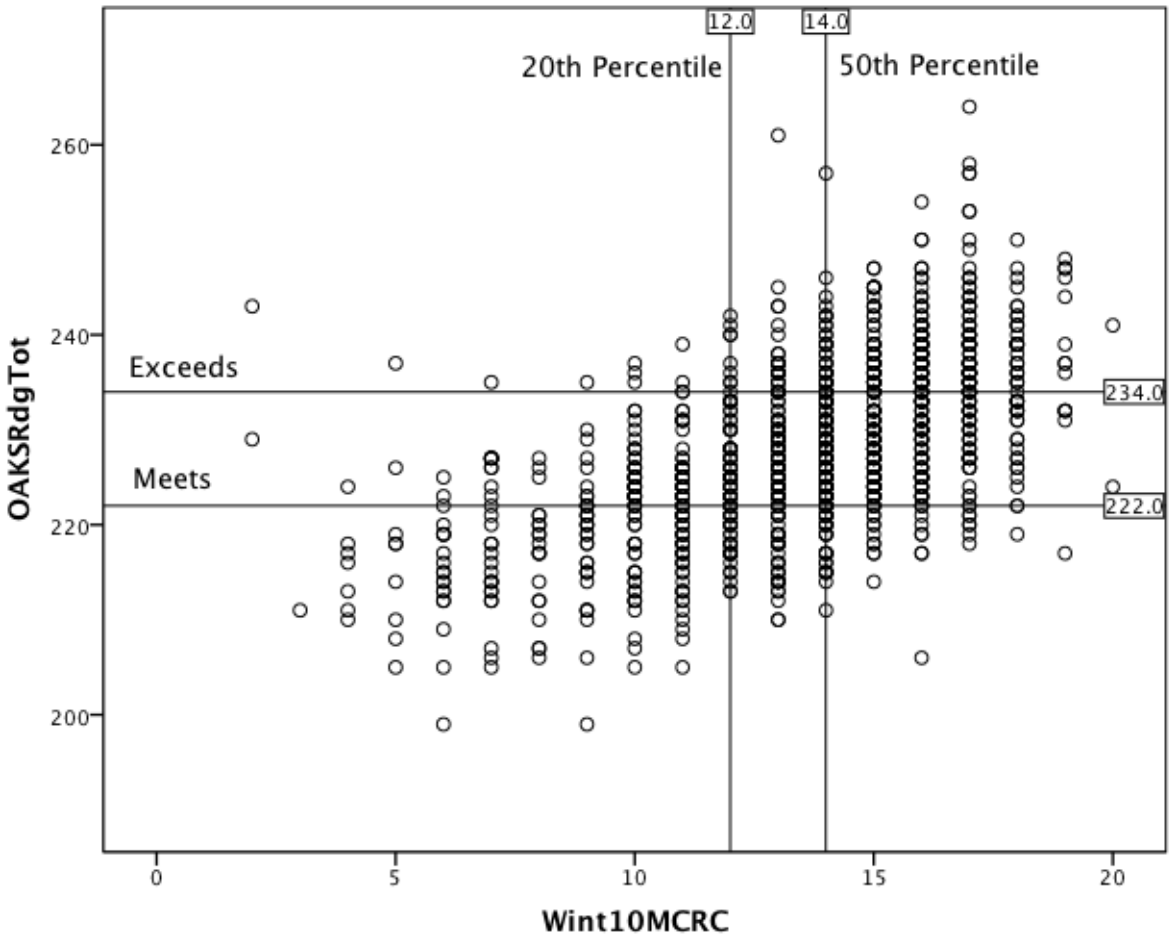
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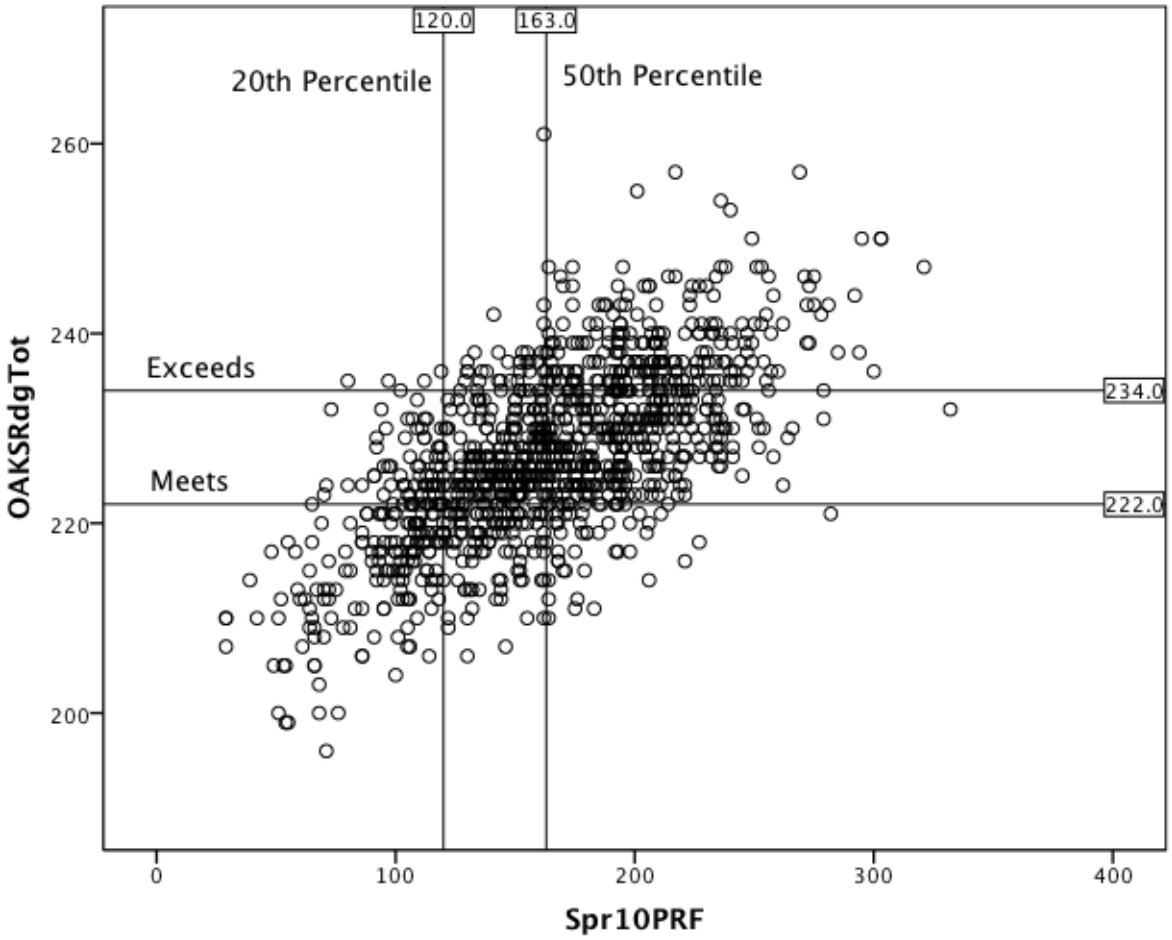
Spring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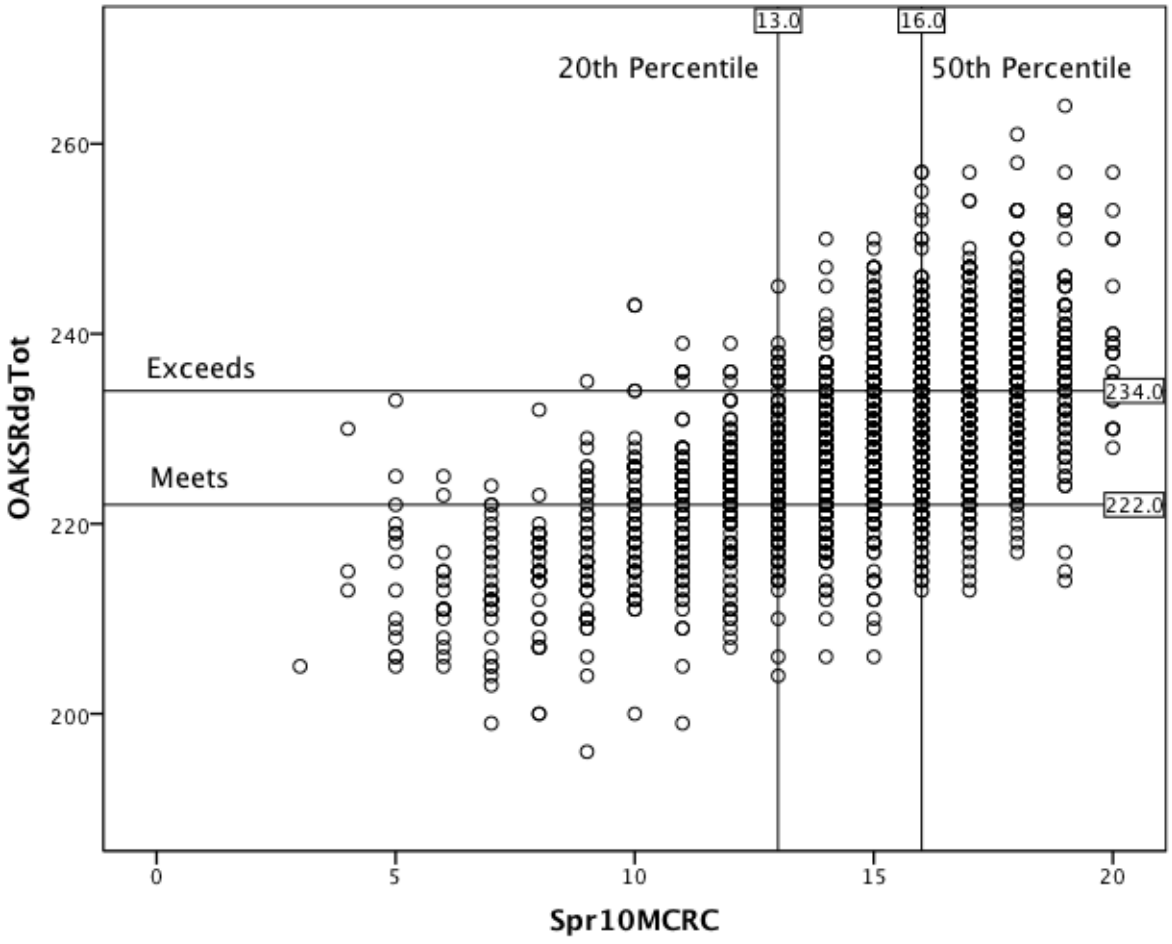
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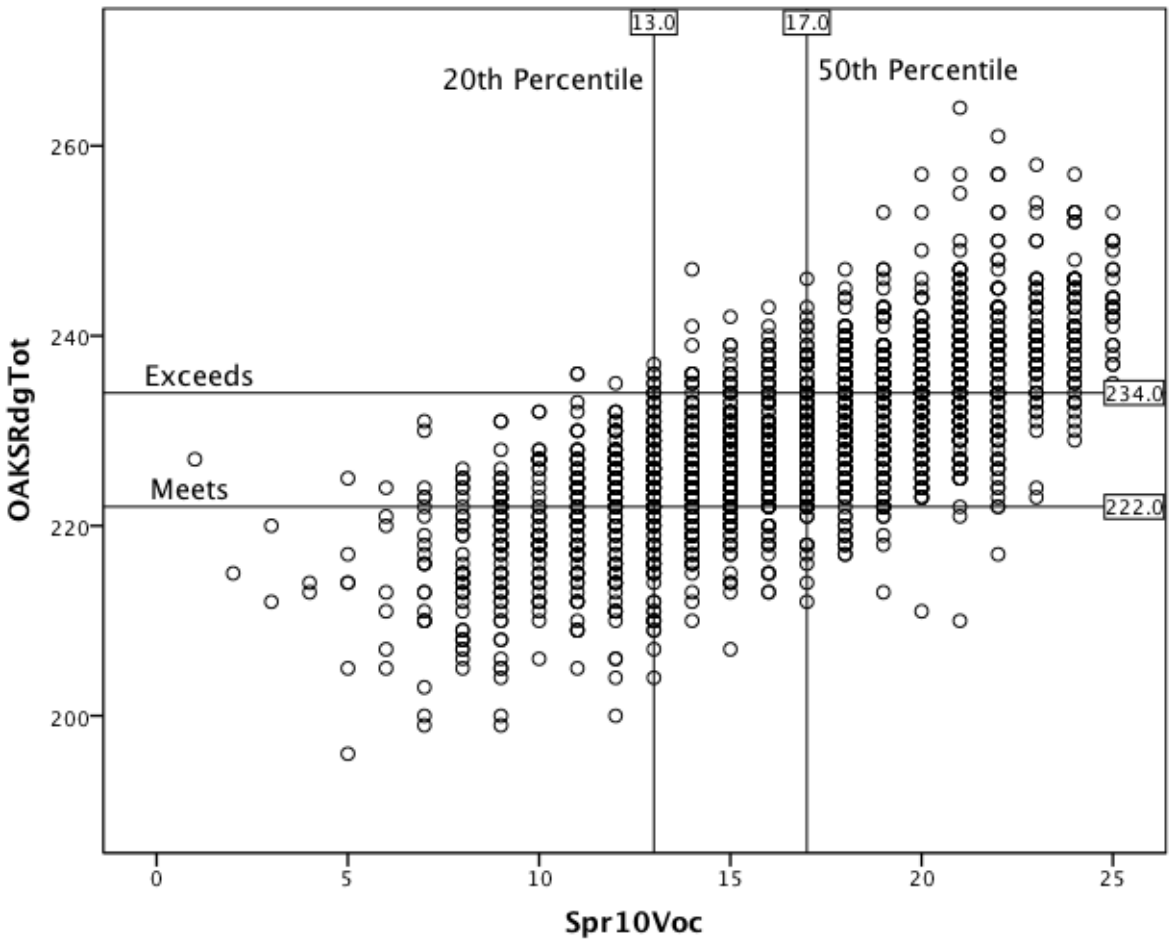
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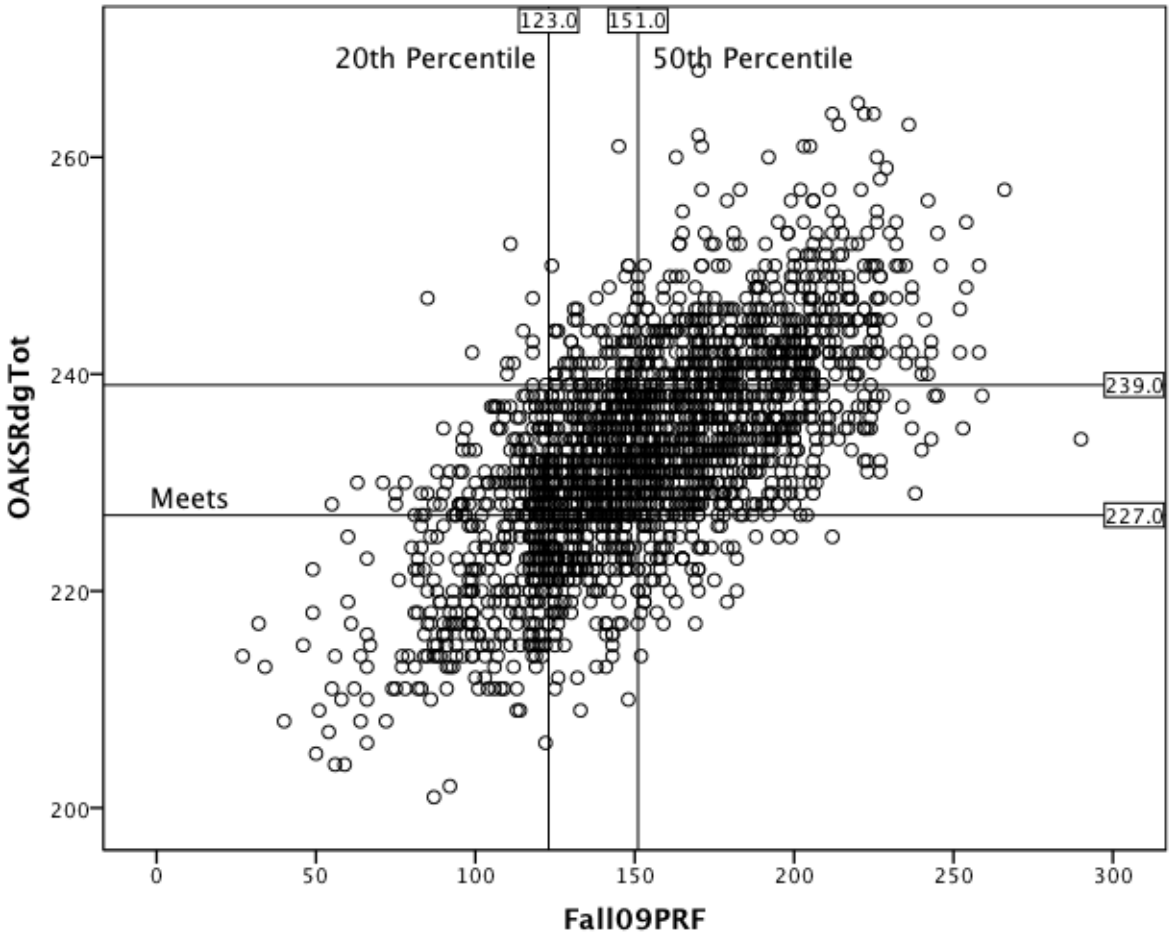
20
25
Spr10Voc

Grade 7

Fall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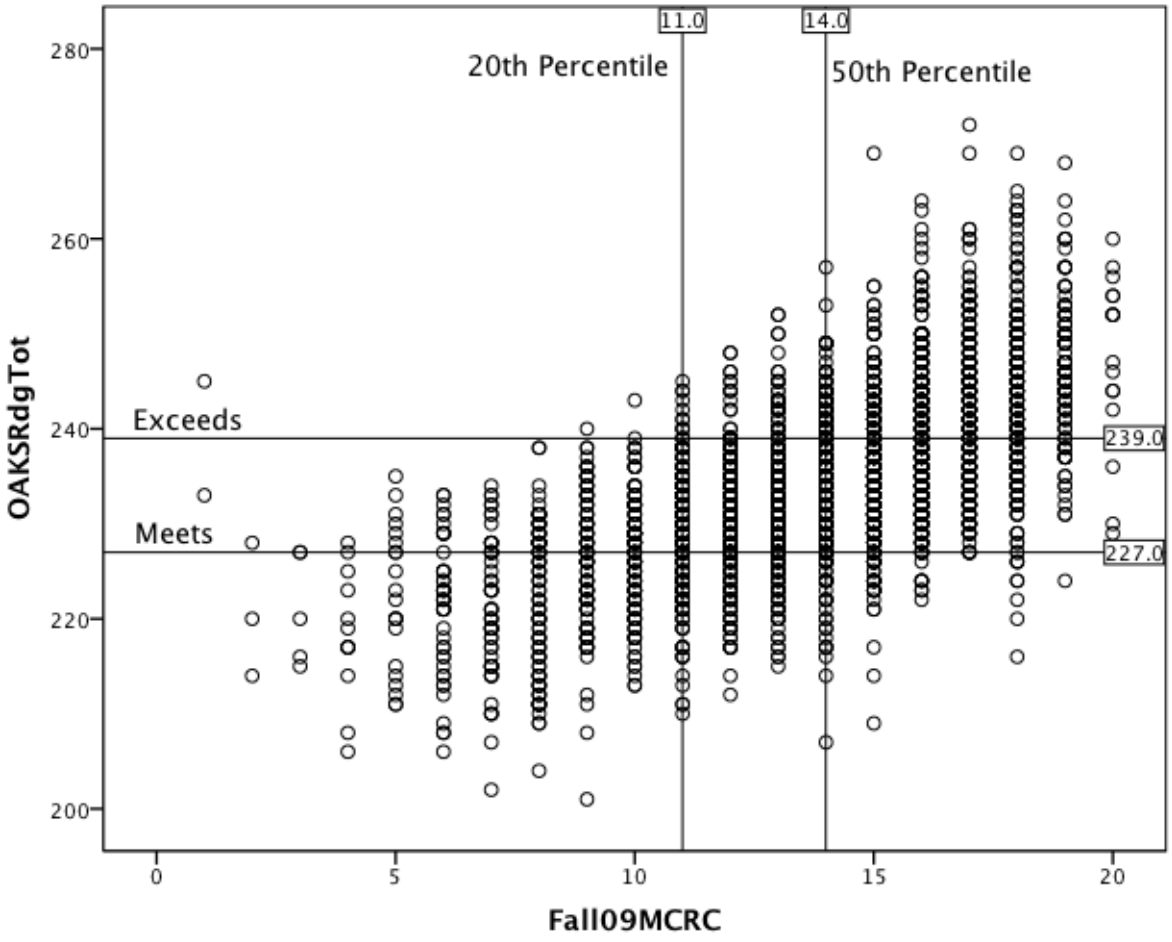
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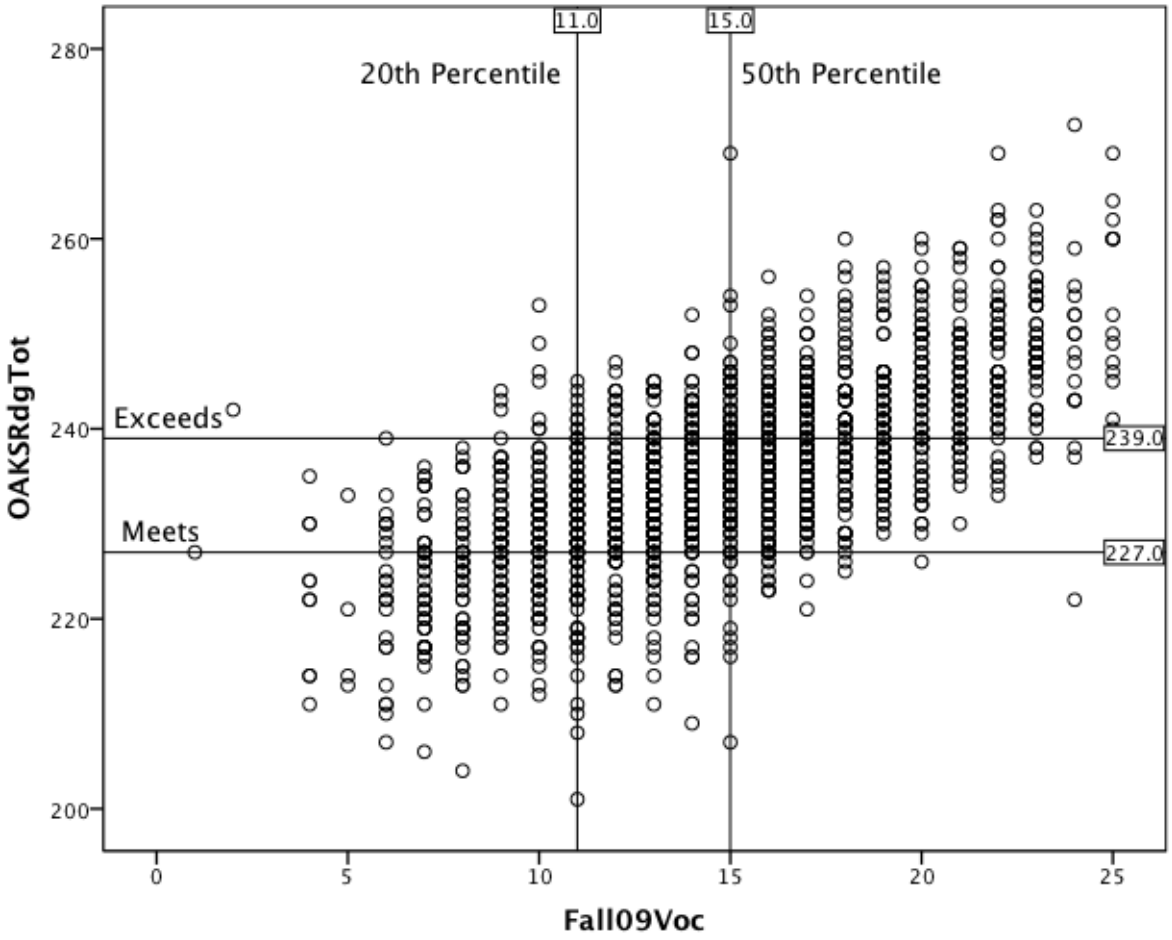
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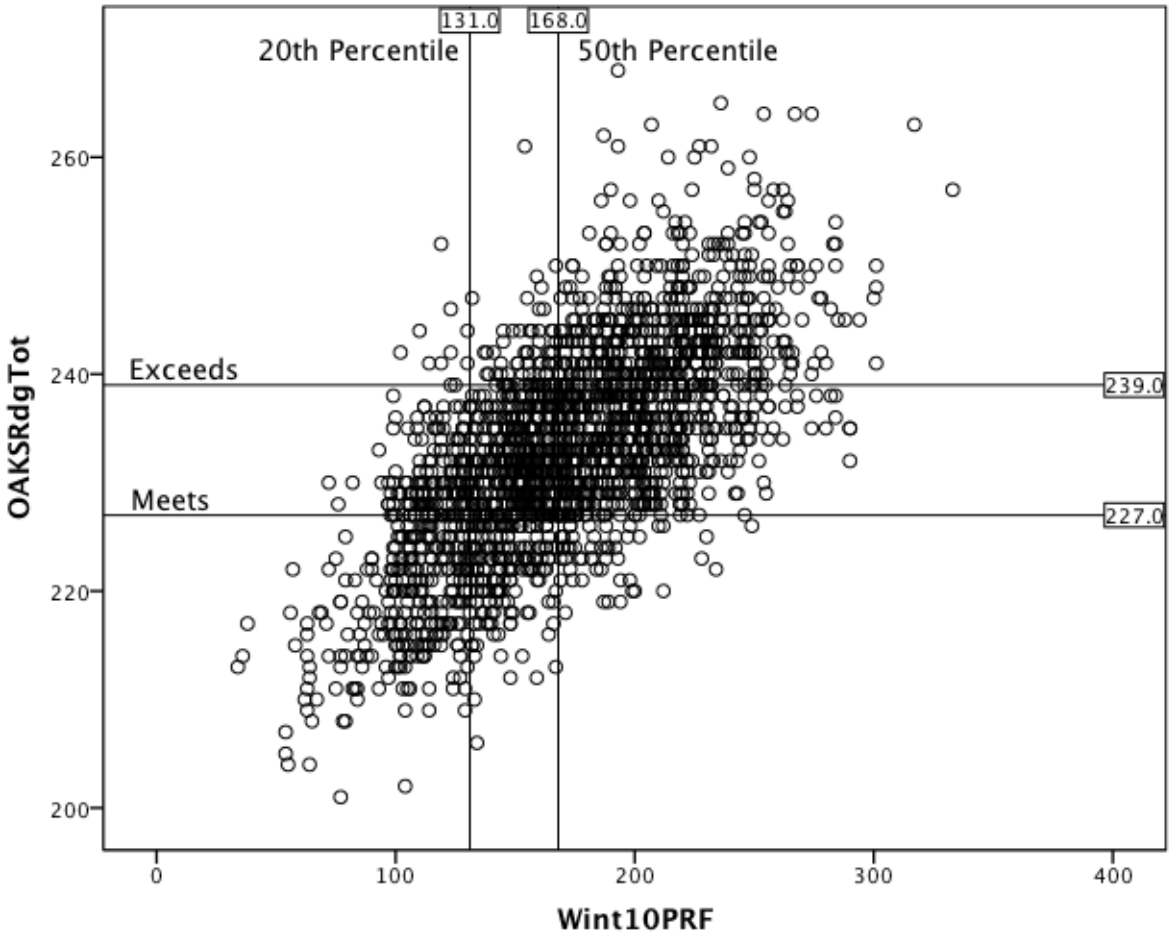
Winter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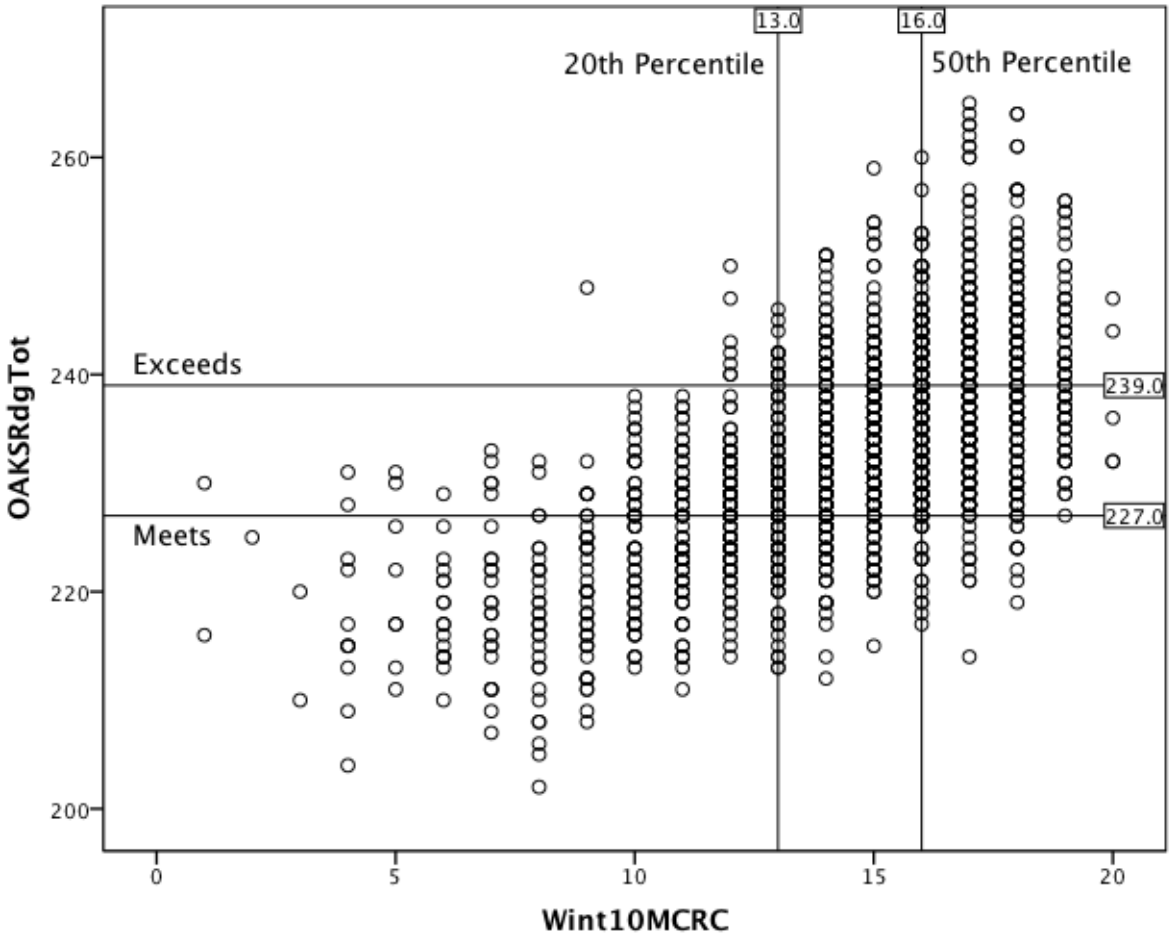
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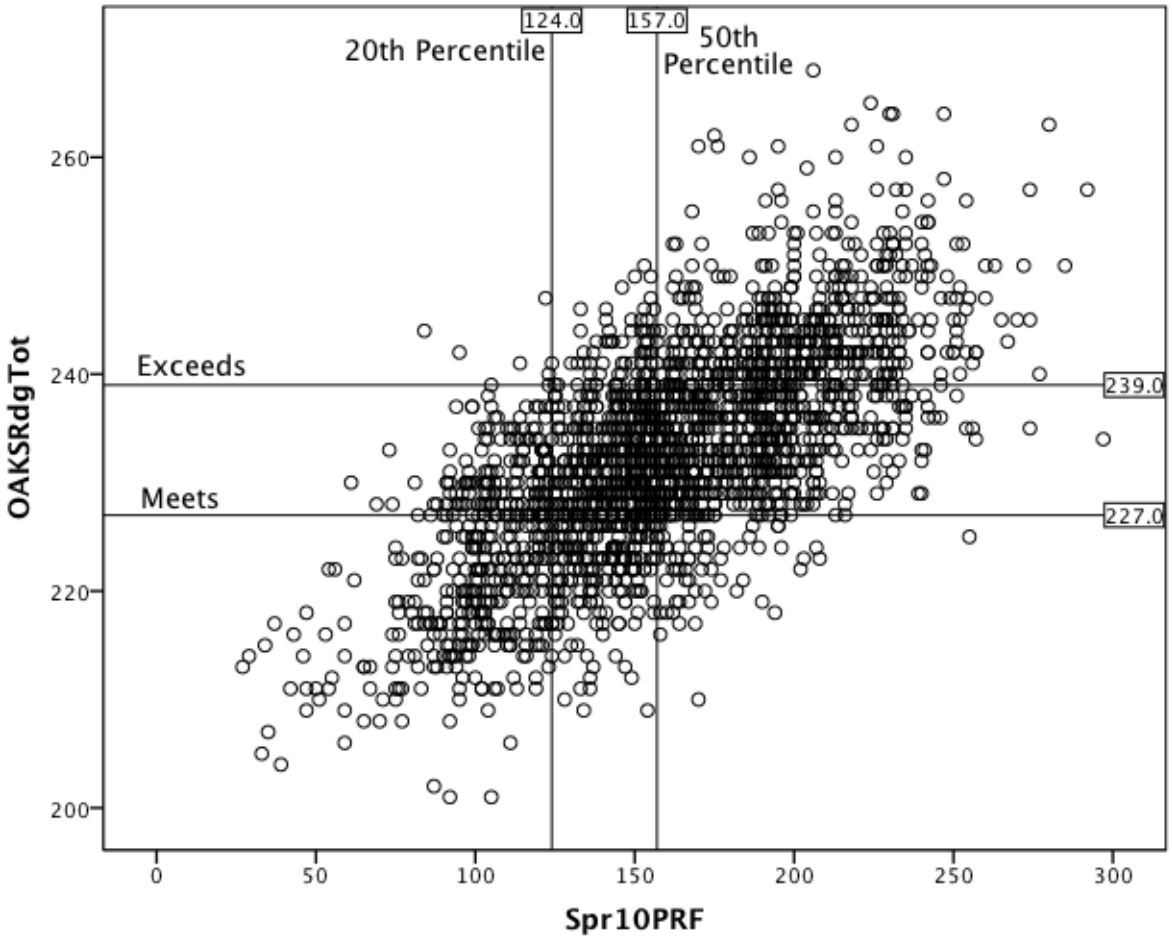
20
Wint10MCRC

Spring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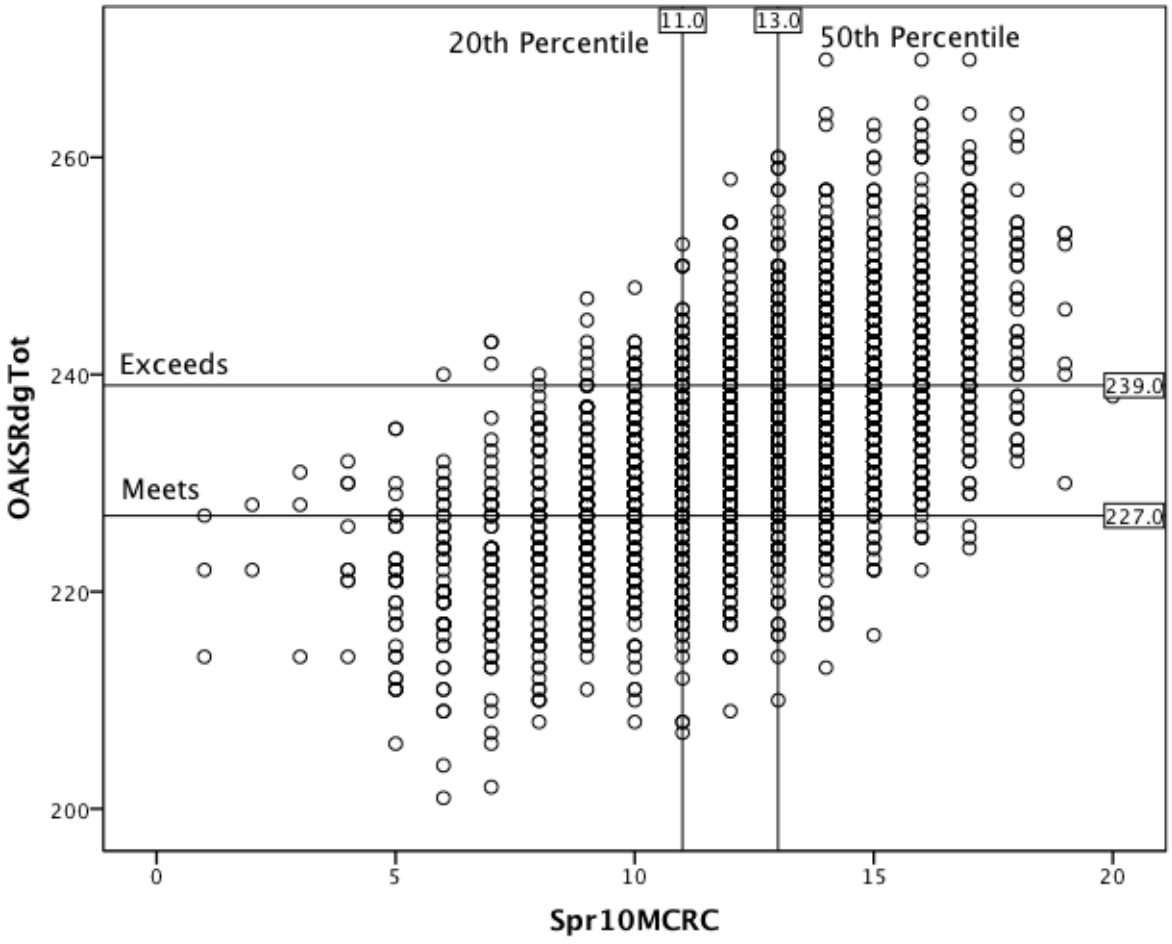
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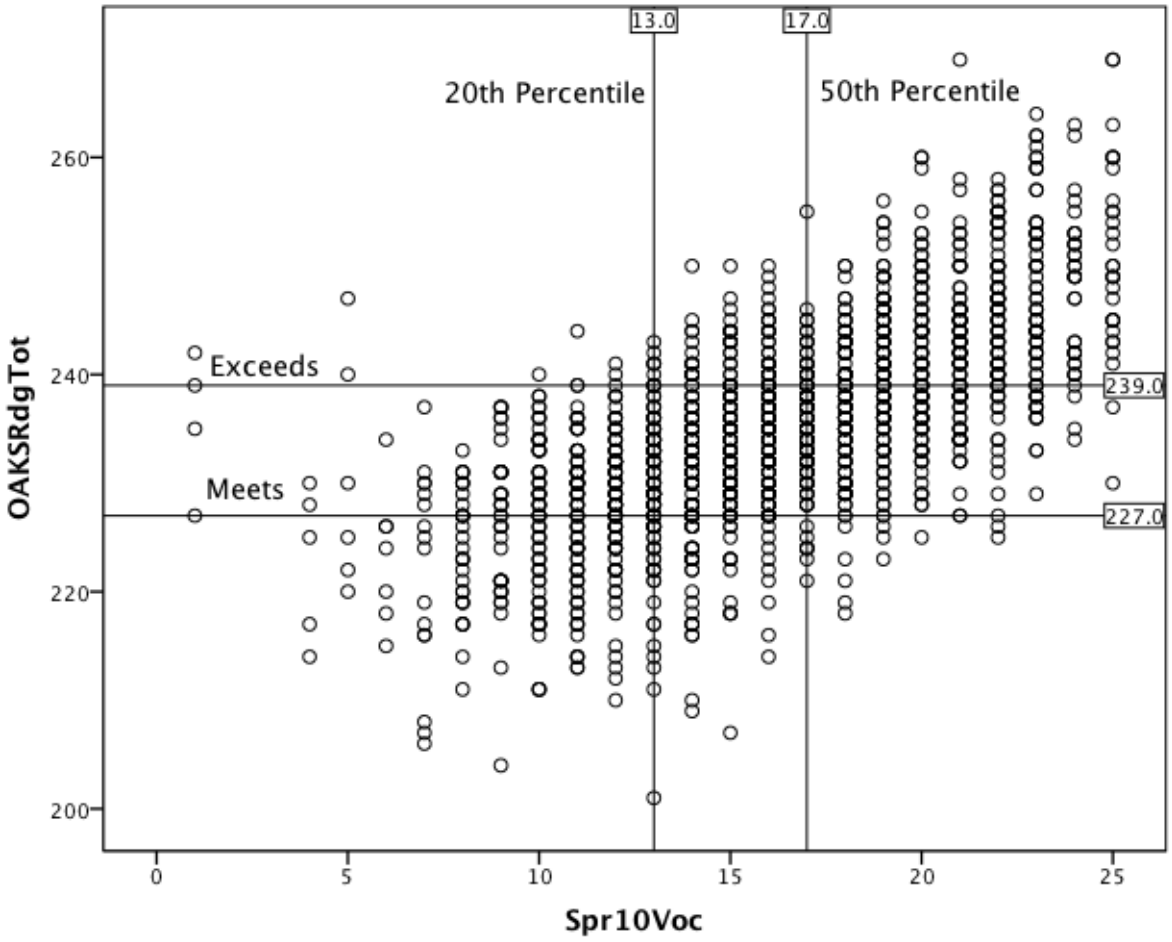
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Spr10Voc